

# Khurram S [REDACTED]

Senior Software Engineer | Golang | Python | Django | React JS | JavaScript |  
Redis | Docker | Kubernetes | AWS | GCP | Azure | MongoDB | SQL | PLSQL |  
PostgreSQL | Oracle | Git | GitHub |



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Pakistan



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## PROFILE

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Experienced Senior Full Stack Developer with a decade of expertise in Golang, Python, and React.js. Proven track record of delivering scalable and efficient solutions. Adept at designing and implementing complex systems, ensuring optimal performance. Passionate about clean code and best practices. Demonstrated ability to work remotely, fostering global collaboration. Seeking challenging opportunities to contribute technical excellence and drive innovation in a dynamic remote environment.

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## PROFESSIONAL EXPERIENCE

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Apr 2021 – present

### **Senior Software Engineer (Golang | Python | React JS),**

*Active Key Solutions | Remote*

#### **Key Responsibilities**

- Led the development and implementation of cutting-edge AI solutions, utilizing Python, Django, and React, to drive innovation and enhance user experiences.
- Designed and executed complex machine learning algorithms to extract insights from large datasets, contributing to data-driven decision-making processes.
- Collaborated closely with cross-functional teams to understand business requirements and translate them into technical solutions.
- Architected and developed robust RESTful APIs using Django to facilitate seamless communication between frontend and backend systems.
- Leveraged React to create interactive and dynamic user interfaces, ensuring an intuitive and responsive user experience.
- Integrated AI models into the web application, optimizing performance and achieving real-time data processing capabilities.
- Contributed to the development of a scalable and modular codebase, adhering to best practices and design patterns.
- Mentored and coached junior developers, fostering skill growth and maintaining a high level of code quality within the team.
- Conducted code reviews and implemented continuous integration and deployment pipelines, ensuring code reliability and faster release cycles.
- Collaborated with DevOps teams to optimize infrastructure and deployment processes, resulting in improved application performance and uptime.
- Actively participated in Agile development methodologies, contributing to sprint planning, daily stand-ups, and retrospective meetings.

Jan 2019 – Mar 2021

### **Senior Full Stack Developer (Golang | Python | Django | React JS),**

*FutureNow Technologies | Remote*

#### **Key Responsibilities**

- Lead the development of scalable and high-performance Golang applications, ensuring optimal functionality and efficiency.
- Collaborated with cross-functional teams to design and implement RESTful APIs, enhancing communication between front-end and back-end systems.
- Utilized React.js to create responsive and user-friendly interfaces, improving overall user experience.
- Integrated third-party services and APIs to enhance system capabilities and streamline processes.
- Employed best practices in software development, including code reviews, unit testing, and continuous integration, resulting in a more robust and maintainable codebase.
- Mentored junior developers, fostering a collaborative and knowledge-sharing environment within the team.
- Worked closely with stakeholders to gather and analyze requirements, ensuring alignment with business objectives.
- Investigated and resolved complex technical issues, contributing to the overall stability of the application.

Apr 2016 – Dec 2018

**Full Stack Engineer (Golang | Python | JavaScript),**

*NeoCog Technologies | Remote*

**Key Responsibilities**

- Developed and maintained scalable backend services using Golang, ensuring high performance and reliability.
- Collaborated with cross-functional teams to design and implement RESTful APIs, enhancing communication between frontend and backend systems.
- Utilized Python for scripting and automation tasks, streamlining development processes and improving efficiency.
- Worked on the design and implementation of microservices architecture, contributing to the overall system scalability.
- Led the integration of third-party APIs to enhance product functionality and improve user experience.
- Implemented unit tests and participated in code reviews to maintain code quality and ensure adherence to coding standards.
- Engaged in frontend development using React.js to create responsive and user-friendly interfaces.
- Collaborated with product managers to understand requirements and provide technical insights during the planning phase.
- Troubleshooted and resolved production issues, ensuring minimal downtime and optimal system performance.
- Mentored junior developers, fostering a collaborative and knowledge-sharing culture within the team.
- Participated in Agile development methodologies, contributing to sprint planning, retrospectives, and daily stand-ups.

Jun 2014 – Mar 2016

**Software Engineer (Python | JavaScript | HTML | CSS),**

*ArhamSoft Pvt Ltd | Remote*

**Key Responsibilities**

- Developed and maintained web applications using Python, JavaScript, HTML, and CSS.

- Collaborated with cross-functional teams to gather requirements and deliver high-quality software solutions.
- Implemented and optimized backend functionalities, ensuring scalability and performance.
- Designed and implemented responsive user interfaces to enhance user experience.
- Conducted code reviews and provided constructive feedback to team members.
- Utilized version control systems (e.g., Git) to manage codebase and streamline collaboration.
- Participated in Agile development processes, including sprint planning and daily stand-ups.
- Troubleshooted and resolved software defects, ensuring robust and reliable applications.
- Stayed updated with industry trends and incorporated best practices in software development.
- Demonstrated strong problem-solving skills and attention to detail in delivering reliable software products.

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## EDUCATION

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Lahore, Pakistan	<b>Bachelor of Computer Science</b> , <i>COMSATS University</i>
Lahore, Pakistan	<b>ICS</b> , <i>Government College University</i>

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## SKILLS

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|----------------|------------|
| • Golang       | • Python   |
| • Django       | • React JS |
| • JavaScript   | • MongoDB  |
| • PostgreSQL   | • MySQL    |
| • PL/SQL       | • Oracle   |
| • Redis        | • Docker   |
| • Kubernetes   | • AWS      |
| • GCP          | • Kafka    |
| • RabbitMQ     | • Azure    |
| • Git / GitHub | • Jira     |

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## LANGUAGES

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English

Urdu

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## PROJECTS

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### **Machines data collection and Integration (Golang) [↗](#)**

**Tech Stacks:** Golang, Gin, SQLite

- Collecting data from remote machines sensors
- Parsing file and SQLite base data
- Storing to oracle database
- Exposing data with Rest API using (Golang Gin)

### **Pivot88 integration using Golang & Node Red**

**Tech Stacks:** Golang, Node Red, Rusty, JSON

- Golang oracle database driver for querying database
- Rusty for calling restful services
- JSON module for JSON marshaling and unmarshalling

### **Sewing Machines Monitoring & Tracking System**

**Tech Stacks:** React JS, Python, MongoDB, Node Red

- Sewing machine production and idle time monitoring
- Mobile application developed in React and Native script
- Database used oracle and MongoDB
- Web application developed with React JS
- Backend developed in Python
- Integration made with EMQX MQTT Server and Node Red

### **Data Transformation and Extraction**

**Tech Stacks:** Python, React JS, Oracle

- Data extraction from Oracle database.
- Data transformation and rearranging by using Python Pandas.
- Application served using Python Django framework and React JS.

### **Oracle Application Development Framework**

**Tech Stacks:** Oracle

- Company KPI Dashboard development in ADF
- Company performance/Efficiency Dashboard in ADF
- Data Entry application For Lines Production in ADF
- Migration of Demand Approval Forms from Oracle Forms to ADF
- Migration of Quality Control Forms from Oracle Forms to ADF
- Securing ADF application with OID and OAM
- BI Publisher Report Integration in Oracle Forms 11g
- Migration from Oracle Forms 6i to Oracle Forms 11gR2