Mujahid Sultan

Senior Software Engineer

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Summary:

Accomplished Senior Software Engineer with over 20 years of experience in full-stack development, cloud platforms, and robust system design. Proficient in delivering scalable, secure, and responsive web applications using modern frameworks such as React.js, Node.js, and Python (Django/Flask). Strong expertise in integrating third-party services and implementing RESTful APIs to enhance application functionality. Committed to continuous improvement and adopting emerging technologies to drive innovative solutions.

Professional Experience:

Lead Software Engineer at **Tend:**	**05/2019 – 01/2025**

- Developed and maintained scalable web applications using Next.js and Django, enhancing performance and security while reducing response times by 30%.
- Collaborated with cross-functional teams to define, design, and deploy new features, improving user engagement by 25%.
- Optimized AWS infrastructure, leading to a 35% increase in application scalability and cost efficiency.
- Implemented RESTful APIs and integrated third-party services such as Okta and Stripe, improving system interoperability and reducing processing times by 40%.
- Led troubleshooting and debugging efforts, resolving complex technical issues in development and production environments.

Application Developer at **Vitol:**	**06/2017 – 05/2019**

- Developed a data catalog platform using ReactJS and .NET Core, facilitating efficient data workflows and enhancing search functionality by 40%.
- Enhanced platform usability and security by implementing JWT-based authentication and advanced data validation processes.
- Automated CI/CD pipelines with Jenkins/Octopus, decreasing deployment errors by 75% and boosting release frequency.
- Produced modular UI components and contributed to ReactJS boilerplates, accelerating new feature development by 50%.

Data Scientist III at **Toshiba Global Commerce Solutions:**   06/2014 – 04/2017

- Engineered Python ETL scripts to streamline the onboarding of B2B retail clients, reducing setup times by 30%.
- Enhanced service request classification accuracy by 22% using custom NLP models, improving customer support efficiency.
- Integrated MongoDB with SQL systems, boosting reporting accuracy and data accessibility by 30%.
- Developed TensorFlow-based models to forecast device behavior, minimizing downtime incidents by 20%.

Python Developer at **Bank of America:**   03/2011 – 04/2014

- Designed CI/CD infrastructure using Jenkins and Python, accelerating deployment cycles by 40%.
- Built REST and SOAP web services for secure integration of credit and financial data systems.
- Improved backend performance by 15% through Django optimization and asynchronous task management.

Lead Software Developer at **Google:**   01/2009 – 01/2011

- Developed a large-scale data ingestion pipeline for Google News, processing over 500K articles daily.
- Enhanced user engagement by 17% through the integration of personalization algorithms in Google News.
- Mentored over 10 junior engineers, facilitating technical skill development and code quality improvements.

Software Developer at **Google:**   09/2006 – 12/2008

- Enhanced map tile rendering efficiency by 30% for Google Maps services using Java and C++.
- Developed RESTful APIs for real-time traffic data, scaling the service to support over 1 million users.
- Led the migration of legacy systems to microservices, improving system uptime by 25%.

Software Developer Intern at **Google:**   09/2005 – 08/2006

- Contributed to optimizing AdWords campaign performance through internal tool development using Java and Python.
- Developed comprehensive test suites, reducing bug rates in staging environments by 25%.

Skills:

- JavaScript
- Python
- AngularJS
- AWS
- CI/CD

- React.js
- Django / Flask
- PostgreSQL / MySQL
- GCP
- RESTful APIs

- Node.js
- HTML / CSS
- MongoDB
- Docker / Kubernetes
- GraphQL

- Git
- Cloud Platforms
- Troubleshooting
- Remote Collaboration
- Communication

Education:

Bachelor of Science, Computer Science (08/2001 – 05/2005)

Florida Agricultural and Mechanical University