

RAKSHITH ROY GANTAGOGULA

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PROFESSIONAL SUMMARY

Experienced Full Stack Developer with 3+ years of experience in building scalable web applications and microservices. Proficient in Angular, React.js, Python (Django/Flask), Golang, Node.js, and Express.js, with expertise in cloud platforms (AWS/Azure), CI/CD pipelines, and API development. Currently at Asana, Inc., New Jersey, USA, optimizing system performance and automating cloud infrastructure. Previously, at Hexaware Technologies, contributed to high-performance applications and cloud solutions. Strong background in Agile (Scrum), automation testing, and performance optimization, improving efficiency, reducing deployment time, and enhancing scalability.

KEY SKILLS

- **Languages & Frameworks:** Python, Golang, JavaScript, Node.js, Vue.js, React, TypeScript, Bootstrap, Django.
- **Frontend Development:** Next.js, React.js, Redux, Angular, TypeScript, JavaScript, HTML5, CSS3, SCSS.
- **Backend Development:** Node.js, RESTful APIs, Microservices Architecture, SQL (PostgreSQL), NoSQL (MongoDB).
- **Cloud & Database Platforms:** AWS, Kubernetes, Docker, CI/CD pipelines, Docker.
- **Collaboration & Tools:** Git, JIRA, Bitbucket, Atlassian, Confluence.

PROFESSIONAL EXPERIENCE

Full Stack Developer | Asana, Inc., New Jersey, USA.

July 2024 - Present

- Architected front-end features for financial platform with Angular, Java and Python, improving application performance by 40% and cut testing time by 15 hours through automation.
- Designed and maintained high-performance web applications using React.js on the front-end and Python (Django/Flask) on the back-end, achieving a 30% boost in system performance through code optimization and strategic architectural enhancements.
- Engineered and deployed a microservices-based architecture using Golang, boosting system modularity and cutting deployment time by 40% through streamlined processes and robust design.
- Utilized Node.js and Express.js to develop a modular and scalable system, achieving a 25% improvement in API response time and a 30% reduction in server load.
- Architected and integrated robust OAuth 2.0 authentication with JWT, safeguarding sensitive medical records and maintaining strict patient confidentiality.
- Conducted performance audits on existing databases, identifying bottlenecks and implementing solutions that streamlined operations; the optimized databases now support over 500,000 records with minimal latency effects.
- Conducted thorough unit and automated testing with JUnit, Mockito, Selenium, and Cypress, achieving 90% test coverage and reducing defects by 40%.
- Developed and deployed high-performance RESTful APIs using FastAPI and Python, reducing response times by 30%.
- Collaborated with a team of 15 developers and achieved a 92% success rate in meeting project deadlines employing Agile (Scrum) Methodology.

Software Developer | Hexaware Technologies, Bengaluru, India

Nov 2020- Jul 2022

- Architected critical components of Mosaic Cloud Platform using Angular, Python, and Scala, improving system performance by 40% and reducing customer-reported issues by 65% through optimized code and real-time monitoring.
- Built performant and responsive front-end applications using React, Next.js, and Redux, optimizing page load times by 9% through strategic code refactoring and efficient state management.
- Developed RESTful APIs using Node.js and Express.js, enhancing response times by 25% and lowering server load by 30% through caching and query optimization.
- Implemented comprehensive API testing framework using Postman, achieving 95% test automation coverage and reducing manual testing effort by 70%.
- Created a mobile-first, cross-browser-compatible UI using HTML, CSS, JavaScript, and Angular, ensuring optimal accessibility and user engagement.
- Transformed a static JavaScript/jQuery codebase into a mobile-first, cross-browser UI using Angular and Bootstrap, improving accessibility scores by 20% (WCAG 2.1 compliance).
- Integrated cloud-native solutions in AWS (Lambda, S3, RDS, API Gateway) and Azure (Functions, Blob Storage, CosmosDB) for scalable application deployment.
- Automated CI/CD pipelines using Terraform, Jenkins, and Kubernetes, cutting deployment time by 50% and enabling zero-downtime releases.
- Modernized a high-traffic e-commerce platform using Node.js and Hapi framework, handling 500k daily sessions while scaling efficiently through Docker and Kafka.

EDUCATION

Master's in Information Technology and Management, The University of Texas at Dallas, Richardson, TX, USA.

Bachelor's of Technology in Computer Science & Engineering, Pragati Engineering College, Peddapuram, India.