Chandana Ganasala

Fresno, CA | chandanacherry869@gmail.com | +1 (559) 709-9339
LinkedIn | GitHub | Portfolio

Summary

Full Stack Software Developer with 3+ years of experience designing and scaling web applications using React.js, Spring Boot, and AWS. Skilled in backend optimization, cloud deployments, and secure API development within Agile environments. Proven track record of delivering applications that scale to 5,000+ users, improving system performance by 40%, and achieving sub-500ms API response times. Experienced in enhancing Continuous Integration / Continuous Deployment (CI/CD) pipelines with Docker, Kubernetes, and Jenkins, cutting deployment cycles by 50%, and implementing secure authentication protocols that reduced risks by 40%.

Education

Master of Science in Computer Science — Aug 2022 – May 2024
California State University, Fresno — Fresno, CA

Bachelor of Technology in Computer Science — Jul 2017 – Apr 2021
Koneru Lakshmaiah Educational Foundation — Vijayawada, India

Skills

Programming: Java, JavaScript, TypeScript, Python, C, Machine Learning, HTML, CSS, SQL
Frontend: React.js, Next.js, Angular, Redux, Tailwind CSS, Bootstrap
Backend: Spring Boot, Node.js, Express.js, REST APIs, Microservices, Spring Cloud
Databases: MongoDB, MySQL, PostgreSQL, Redis
Cloud/DevOps: AWS (S3, EC2), Docker, Kubernetes, Jenkins, Apache Kafka, Maven, Git, CI/CD
Security & Testing: JWT, OAuth 2.0, API Security, SSL/TLS, Jest, JUnit, Unit/Integration Testing

Experience

Software Developer / *ZenSpaceIT LLC* — Sep 2024 – Present
Charlotte, North Carolina

- Architected and delivered secure e-commerce application with Clerk authentication system, reducing login issues by 45% and supporting 1,000+ registered users
- Designed RESTful APIs supporting 15+ endpoints for product management, reducing inventory update time from 5 minutes to 30 seconds; integrated with Cloudinary for optimized image storage, improving upload speed by 30%
- Implemented compound indexes and query aggregation pipelines, reducing database response times from 1.2s to 300ms for cart and order operations
- Enhanced frontend performance using Next.js with server-side rendering, achieving 50% faster page loads and improved SEO visibility
- Built full-stack application powered by React.js with Redux state management and Spring Boot backend
- Deployed Redis caching and Apache Kafka for real-time order notifications, increasing customer satisfaction by 25%

Program Analyst / *Cognizant Technology Services* — Sep 2021 – Aug 2022
Hyderabad, India

- Engineered full-stack applications using React.js and Spring Boot microservices, serving 5,000+ users with API response times under 600ms
- Led technical discussions and code reviews while integrating OAuth 2.0 and JWT authentication protocols, decreasing security vulnerabilities by 40%
- Leveraged Java 8 features (Lambda, Streams API), improving code efficiency and data processing by 25%
- Containerized applications using Docker, cutting release cycles by 50% across dev/prod environments
- Participated in Agile development lifecycle, maintaining 85%+ code coverage through unit testing

Software Development Intern / *Cognizant Technology Services* — Feb 2021 – Aug 2021
Hyderabad, India

- Built responsive React.js web app with mobile-first design, boosting user engagement by 30%
- Created reusable React components, reducing CSS codebase by 40% through component reusability
- Deployed applications on AWS (S3, EC2), maintaining 99%+ uptime during internship period

Web Development Intern / *ECIL* — May 2019 – Oct 2019
Hyderabad, India

- Developed mobile-responsive agricultural web app using HTML5, CSS3, and JavaScript with weather-based crop prediction, serving 500+ farmers
- Applied Bootstrap framework for responsive design, ensuring cross-browser compatibility across devices

Projects

Sentiment Analysis on Google Gemini LLM (Large Language Model) — Mar 2024 – May 2024
Python, React.js, ML Models

- Analyzed 50,000 IMDB movie reviews using Google Gemini LLM API, achieving 95% accuracy on test dataset
- Benchmarked ML models (Naive Bayes, Neural Networks, Logistic Regression) with accuracy rates of 84–87%
- Built interactive React.js frontend for real-time sentiment analysis with data visualization components

Certifications / Achievements

- Salesforce Certified Administrator (SCA) (2020)
- Advanced RPA Professional (Automation Anywhere) (2020)
- Cisco Certified Network Associate (CCNA Industrial) (2020)