

CHANDRA PAVAN

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SUMMARY

Software Engineer with relevant experience in developing scalable web solutions across the full stack. - Successfully designed and implemented backend systems with Java, Node.js, and Rest APIs, optimizing server response times significantly.- Enhanced user engagement and system performance through React.js-based frontend optimizations, resulting in better load times and user experiences. - Demonstrated proficiency in Agile environments, collaborating effectively to streamline function and improve application performance. Eager to leverage full stack expertise to support and enhance Re-engagement and Retention strategies.

WORK EXPERIENCE

Capgemini

Aug 2021 - Dec 2022

Software Engineer

Hyderabad, India

- Designed and developed scalable back-end systems using Java, optimizing algorithms to improve application performance, aligning with core full-stack development and Java responsibilities.
- Leveraged Node.js, Express.js, and Sequelize for building controllers and RESTful APIs, incorporating Elasticsearch for robust search capabilities, enhancing usability.
- Developed responsive websites using React.js and Tailwind CSS, focusing on enhancing the user experience, tailoring closely to front-end challenges.
- Enhanced platform performance using best practices such as Memoization and Code-Splitting, reducing rendering times considerably.
- Designed and implemented a backend cleanup application utilizing MS SQL Server, significantly boosting database efficiency.
- Managed API testing and debugging with Postman, ensuring the reliability of back-end services, closely aligning with the API-centric nature of the role.
- Collaborated in Agile and Waterfall environments utilizing JIRA, establishing a foundation for task tracking in development environments.

CGI

Aug 2019 - Nov 2020

Associate Software Engineer

Bangalore, India

- Collaborated with cross-functional teams for Full Stack Development, delivering telecom enterprise applications, and resolved multiple production issues, honing skills in full-stack and user interface design.
- Led Java and Spring Boot development within a Microservices architecture, securing APIs with OAuth, resulting in improved API response, aligning with Java and Spring framework expertise.
- Implemented a Redis-based caching strategy to minimize latency and optimize performance during high-traffic periods.
- Developed intuitive user interfaces using HTML, CSS, and JavaScript, boosting user engagement and transaction success rates.
- Utilized Lazy Loading and Angular Router for web enhancements, with a focus on integrating Cloudflare CDN, demonstrating understanding of efficient content delivery in user interfaces.
- Engineered a CI/CD pipeline employing Jenkins and GitLab, streamlining development processes, aiding continuous integration and smooth rollout.

SKILLS

- **Languages:** Java, JavaScript, Python
- **Frontend:** React.js, React Native, Next.js, Redux, AJAX, HTML, CSS, SCSS/SASS, Figma, Bootstrap
- **Backend:** Spring Boot, Express.js, Node.js, REST API, GraphQL, Kafka, Apache Tomcat, Jest, Junit
- **Databases:** MySQL, PostgreSQL, MongoDB (NoSQL), Microsoft SQL Server, Redis, Hibernate (ORM)
- **Cloud/DevOps:** Amazon Web Services (AWS), Google Cloud Platform (GCP), Docker, Kubernetes, Terraform, Packer, Jenkins
- **Other Tools:** Git, GitHub Actions, GitLab, JIRA, Maven, Zipkin, Splunk, Postman, Eclipse, Visual Studio Code
- **Skills:** Full-stack Development, User Interface Design, Relational Databases, Computer Science Fundamentals

EDUCATION

University of Texas, Dallas, TX, USA

Jan 2023 - Dec 2024

Master of Science, Information Technology and Management

- Achievements: GPA - 3.788
- Coursework: System Analysis & Project Management, Object Oriented Programming, Practical User Centric Web Development, DataManagement, AWS Cloud Solution Architecture, Programming for Data Science, Digital Consulting Project, Cloud Computing, Business Analytics, Marketing Management