Abishek Adapa

abishek.adapa@gmail.com • +1(813)-748-9492 • Open to relocation • LinkedIn • GitHub

PROFESSIONAL SUMMARY

Results-driven Software Engineer with 3+ years of experience in Software development and a strong background in full-stack development, database management, and cloud technologies. Proven track record of improving system efficiency and developing scalable solutions. Adept at collaborating with cross-functional teams to deliver high quality software products.

EDUCATION

M.S., Computer Science, Florida State University (GPA: 3.85/4.00)　　　　　　　　Jan 2022 - Dec 2023

Relevant Coursework: Artificial Intelligence, Database Management Systems, Cloud Computing, Distributed Systems
Position: Teaching Assistant for Data Structures and Algorithms at FSU

TECHNICAL SKILLS

- **Languages:** Java, Python, C, C++, C#, JavaScript, SQL, HTML, CSS
- **Frameworks:** Angular JS, React JS, Node JS, Express JS, Vue JS, Bootstrap, Spring Framework
- **Databases:** Relational (SQL, MySQL, PostgreSQL, Oracle), Non-Relational (MongoDB, DynamoDB)
- **Cloud Technologies:** AWS (Amazon S3, EC2 instances and Elastic Beanstalk), Azure
- **Data Analysis Tools:** Pandas, TensorFlow, Matplotlib, sci-kit-learn, OpenShift, Tableau
- **Tools/Platforms:** Jenkins (CI/CD), Docker, Kubernetes, Linux, Maven, Eclipse, GitHub, Apache, Azure, Jira
- **SDLC Methodologies:** Agile, Waterfall and SOA
- **Certifications:** AWS Certified Developer Associate, Red Hat certified System Administrator, Cisco Certified network Associate

RELEVANT EXPERIENCE

Software Engineer

Florida Department of Business and Professional Regulation　　　　　　　　　　　Jan 2024 - Present

- Developed Qlik reports for real-time data tracking, **increasing process efficiency by 20%**
- Created a database API automating data transfer to Pearson VUE portal, **reducing manual entry time by 40%**
- Created Oracle PL/SQL scripts for handling real-time cash records, **reducing manual errors by 50%**
- Improved **system availability to 99%** through regular database performance tuning

Web Applications Developer

Florida State University　　　　　　　　　　　　　　　　　　　　　　　　　Jun 2022 - Dec 2023

- Developed and deployed a **user-friendly social media** web app with registration, tweeting, following, and mention in hashtags, resulting in a **30% increase in daily active users** by leveraging Angular, JavaScript, and Spring Boot
- Integrated hashtag mentions using Spring Boot and MySQL, **boosting daily user participation by 35%**
- Developed a Twitter-like application with **7 microservices** and documented over **25 RESTful APIs**

BackEnd Developer

Zoho Corporation　　　　　　　　　　　　　　　　　　　　　　　　　　　May 2020 - Dec 2021

- Delivered multiple release of **ADManager Plus** and **Log360**, Zoho's critical Active Directory admin products.
- Enhanced ADManagerPlus with new dynamic feedback, monitoring dashboards, modern UI **performance by 50%**
- Collaborated with cross-functional teams to **enhance product scalability by 42%**, through design reviews and code optimizations as a **Scalability Expert.**
- Revamped the local and remote directory sync by implementing **Rsync data transfer** and peer-to-peer (P2P) architecture, resulting in a **90% reduction in bandwidth** consumption on server-side.

PROJECTS

WhatsApp Clone (Fast API, React JS, Node JS, MongoDB, Chat Engine, Socket.IO)

- Built a real-time WhatsApp clone integrated with chatbot for over **50+ commands** to access information through bot.
- Improved analysis algorithms to optimize chatbot response time, ensuring a **maximum response time of 10 sec**.
- Enhanced with React.js and Node.js utilizing MongoDB resulting in **30% increase in user engagement** and **25% faster response** load times and revamped server-side logic using Node.js to manage user authentication and **20% reduction in latency**.

Data Drove (HTML5, CSS3, JavaScript, Reat.js, MySQL, AWS)

- Designed a data management solution for handling student activities, with over 1000+ active users
- Implemented OAuth2.0 authorization, resulting in a **40% reduction in security vulnerabilities**.
- Integrated hashing algorithms, leading to a **35% improvement in search speed** and a **25% reduction in server load**, and utilized Docker for deployment on localhost and AWS Elastic Beanstalk for scalability.

HONOURS AND AWARDS

- **FSU Scholarship:** Awarded $9000/semester scholarship from Florida State University for academic excellence.
- **Merit:** Top 2 percentile in ACM Coding contest at Florida State University