

Sudheer Bezawada

+1(316)-518-5806 | <https://www.linkedin.com/in/sudheerbez> | GitHub | bezsudheer@gmail.com

PROFESSIONAL EXPERIENCE

Software Developer | Robinhood, Gainesville, FL

June 2024 – Present

- Designed and developed responsive web interfaces using React, TypeScript, CSS, applying reusable component architecture and following accessibility best practices to improve usability across operational healthcare portals.
- Implemented scalable RESTful APIs using Node.js and Express, integrating JSON-based data flows with secure authentication mechanisms like OAuth 2.0, and applying microservice-oriented architecture for modular backend services.
- Utilized monitoring tools to track performance and identify system bottlenecks and contributed to architectural decisions by applying solid knowledge of cloud-native patterns.

Software Developer | Cognizant, Bangalore, India

Sep 2021 – Jan 2023

- Designed and developed React-based front-end interfaces with reusable components and lazy loading, reducing page load time by 20% and enhancing user interaction speed by 15% through optimized DOM updates.
- Designed and developed RESTful APIs with java, improving processing speed by 3x and ensuring scalable, maintainable code aligned with SOLID design principles.
- Revamped a legacy monolithic system into scalable Spring Boot microservices architecture, leveraging Docker Containers and Kubernetes and deployed on AWS, enabling efficient handling of 500k+ requests per day with improved scalability and resilience.
- Implemented unit, integration, and end-to-end automation testing using Mocha for 15+ microservices, integrated with Jenkins CI/CD pipelines, improving test coverage to 85% and accelerating release cycles in Agile workflows.
- Optimized MySQL databases through indexing and query tuning, achieving 35% faster response times and ensuring ACID compliance for high-traffic applications.

Software Development | Team Tarak Trust.

Jan 2019 – Dec 2021

- Led Development & Management: Directed the creation of an Android app and website for a charitable trust, utilizing Java for Android and HTML/CSS/JavaScript for front-end development.
- Facilitated Community Support: Designed features to connect individuals in need with potential donors, including donation requests, blood donation drives, and trust event notifications. Database Management: Employed MySQL for effective database management, ensuring secure and reliable data storage increased application efficiency by 30%.
- Achieved High Engagement: Successfully achieved over 20,000 app downloads, indicating strong user engagement and community interest. Enhanced Online Presence: Built a robust online platform that strengthened the trust's visibility and fostered community engagement improved user retention by 150%.

EDUCATION

Master of Science in Computer Science

Jan 2023 – May 2024

Wichita State University, Wichita, Kansas, **CGPA:3.97/4.0**

- **Relevant Coursework:** Advanced Data Structures, Analysis of Algorithms, Networking, Software Engineering, Distributed Systems.

Bachelor of Technology in Computer Science and Engineering

Jun 2018 – Jul 2022

Amrita School of Computing, Coimbatore, India

- **Relevant Coursework:** Object Oriented Programming, Database Management, Operating Systems, Web Development, Big Data.

PROJECTS

Home loan prediction | Python, Pandas, NumPy, Matplotlib, Logistic Regression, Decision Trees

Aug 2024 – Dec 2024

- Developed a predictive machine learning model by comparing logistic regression and decision tree algorithms, achieving 90% accuracy and accelerating loan approval times by 35% through feature scaling and cross-validation.
- Improved model robustness by analyzing precision-recall trade-offs and refining hyperparameters, ensuring reliable deployment for real-world financial workflows.

Smart Grace Mark Calculator | HTML, CSS, JavaScript, Spring, MySQL, RESTful APIs, AWS Cloud.

Jan 2024 – May 2024

- Designed a web app with Spring Boot to automate the process, reducing processing errors and administrative workload by 30%.
- Designed a Relational database system and schemas for efficient data management, applied data modeling principles like ER diagrams and normalization techniques, improving data integrity and achieving 15% faster query performance

Multi-Threaded Chat Application | Java, Socket Programming.

Jan 2024 – May 2024

- Created a multi-threaded chat application with real-time communication and file transfer capabilities.
- Utilized threading and socket programming to ensure efficient performance, handling multiple connections, concurrent operations.

SKILLS

Frontend: React, Redux, TypeScript, Angular, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Material-UI

Backend & APIs: Java, Spring, Spring Boot, Node.js, Express.js, C#, .Net, REST APIs, SOAP, GraphQL, JSON, XML

Databases: SQL, NoSQL, DynamoDB, Cassandra, SQLite, MongoDB

DevOps & Cloud: Docker, Kubernetes, YAML, AWS (Lambda, API Gateway), GCP

Testing & Tools: Jest, Mocha, Cypress, Mockito, JUnit, Git, Webpack, Jira, Linux, PowerShell scripting.

Agile & Collaboration: Scrum, JIRA, Cross-functional teamwork, Code reviews.

Soft skills: Communication and interpersonal Skills, Team player, Self-motivated, Problem-solving, Analytical, Critical Thinking.