ABHISHEK GATTINENI

Long Beach, CA | (562) 542-7985 | abhishekgattineni@gmail.com | Linkedin | Github

---

California State University, Long Beach (MSCS, GPA: 3.5/ 4.0)   Long Beach, CA

Vidya Jyothi Institute of Technology (Bachelors, GPA: 3.2/ 4.0)   Hyderabad, India.

TECHNICAL SKILLS

Languages: Python, Django, JavaScript, SQL, Typescript, C, C++, HTML5, CSS3, Redux, Jest, Storybook and React Testing Library.
Frameworks: Express, Material UI, Bootstrap, Tailwind CSS, React JS.
Tools: Git, GitHub Actions, Jenkins, SonarQube, BlackDuck, AppDEUM, APIGEE, Figma, Splunk, AWS, Webpack, Babel, DockerHub.
Experienced: Object-Oriented Programming Design, Functional programming, Algorithm design, Data Structures, Design Patterns, Android development, Test-driven development, RESTful API's, Agile and Waterfall, GraphQL Patterns.

EXPERIENCE

C3 AI.   San Francisco, CA.
Senior Application Developer   *Jan 2024 – Present*

- Contribute **to the** design, development, and maintenance **of the** UI component library **for the** C3 AI Platform**, enabling** enterprise-scale AI applications **across industries.**
- **Worked on products like** reliability **and** PSO (Production Schedule Optimization) **in C3.ai, expanding and maintaining the** UI component library **to provide** reusable components **across various applications.**
- **Write** clean**,** efficient**, and** reusable code**, adhering to the** best practices **of modern** front-end **and** back-end development**.**
- Collaborate closely **with** cross-functional teams**, including** Product Management**,** UX Designers**, and** Back-End Engineers **to develop** high-quality UI components **that meet functional and aesthetic requirements.**
- **Ensure the implementation of** UI components **follows** pixel-perfect design**,** accessibility best practices**, and** performance.
- **Lead** technical design discussions **on** application architecture **to enhance** user experience **and** scalability**.**
- Mentored junior engineers**, providing guidance on** coding standards**,** accessibility**, and** performance optimization **best practices.**
- **Worked on** QA enhancement **and** UI PSR (Performance, Scalability, Reliability) testing**, ensuring products meet** SLA.
- **Developed and maintained** custom types **in the** C3 AI platform environment **to support feature flexibility and scalability.**
- **Contributed to** feature enhancements**, new developments, and** bug fixes **in** front-end **and** back-end **using** React **and** Python**.**
- Maintained staging, development, testing environments for all purposes.

Wells Fargo.   *Los Angeles, CA.*
MERN Stack Developer   *June 2022 – Jan 2024*

- Developed **React applications** with reusable components using **TypeScript** and **Material UI**, translating Figma designs into UI screens.
- Managed **CI/CD pipelines** via **Jenkins**, monitoring coverage with **SonarQube** and addressing security vulnerabilities with **BlackDuck**. Integrated **AppDynamics EUM** for screen logging and performance monitoring.
- Integrated **Advisory Gateway** and onboarded the application to **SPLUNK** for error log monitoring.
- Developed and integrated multiple **APIs** using **Node.js**, interfacing with **MongoDB** for data storage and retrieval. Stored frequently accessed data in MongoDB based on **JAVA API** responses.
- Integrated **PING** and **APIGEE** for user authentication via internal **SSO**.
- Spearheaded the transition to **microservices architecture**, ensuring modularity and scalability of the backend.
- Collaborated closely with UX/UI teams, converting feedback into actionable improvements, enhancing user experience and interface.
- Developed **CI/CD workflows** using **GitHub Actions** to automate build, test, and deployment processes, improving deployment reliability.
- Utilized **Docker** for containerization, managing images and containers on **DockerHub** and leveraging **AWS services** such as **EC2**, **Elastic Load Balancer (ELB)**, and **Kubernetes** for deploying and scaling microservices.
- Implemented **Infrastructure as Code (IaC)** using **AWS CloudFormation**, enabling consistent and repeatable deployments.
- Developed **microservices** using **Python Django**, responsible for designing API endpoints, schemas, and models for efficient data storage. Integrated **Django APIs** into React and Node.js applications, ensuring smooth communication between microservices.
- Implemented **Django ORM (Object-Relational Mapping)** for seamless interaction with DB, improving database performance.
- Designed and implemented error handling strategies within **Django APIs**, improving application robustness and user experience.
- Collaborated with cross-functional teams including **product managers** and **QA engineers** to ensure feature alignment with business requirements, reducing development turnaround time by 20%.
- Enhanced **application performance** by optimizing React components with **lazy loading** and **code-splitting**, reducing load times.
- Implemented **state management** using **Redux**, improving data flow and making the application more scalable and

maintainable.

- Created **unit and integration tests** using **Jest** and **React Testing Library**, increasing test coverage and ensuring high-quality code releases.
- Improved **error logging and monitoring** by integrating **Sentry** for real-time error tracking, reducing the time taken to identify and fix issues.
- Established **coding standards and guidelines** for the team to ensure consistency and maintainability, leading code reviews and mentoring.
- Implemented **load balancing** and **auto-scaling** for services on **AWS EC2** to handle increased user traffic efficiently.
- Optimized **database queries** to improve **MongoDB** performance, reducing query execution time by 30%.
- Worked closely with the **DevOps team** to streamline deployment workflows using **AWS Lambda** and **API Gateway**, ensuring zero-downtime.

Cyient Limited.
Full Stack/MERN Stack Developer

Hyderabad, India.

Aug 2017 – Aug 2021

- Specialized in **ReactJS**, **DOM manipulation**, and **NPM components** for developing various screens in web applications.
- Progressed into a **Full Stack/MERN Stack Developer** role, by developing **RESTful APIs** using **Node.js** and the **Express.**
- Mastered **NodeJS features** including **global error handling**, **promises**, **async/await**, and **generator-based co-routines**.
- Designed, developed, and implemented **scalable Single Page Applications (SPA)** using a wide range of technologies like **HTML5**, **CSS3**, **React Async Await**, **Next.js**, and **GraphQL**.
- Implemented **React Redux** for state management, utilizing **ECMA Script 6**, **Babel**, and **Webpack** for optimized front-end.
- Set up comprehensive **testing frameworks** including **JEST** and **Storybook/Storyboard** for frontend testing, enhancing application reliability.
- Managed **Node.js applications** with **npm commands** and **package.json** for effective dependency management.
- Worked on the **deployment of applications** on **AWS**, leveraging services such as **AWS Lambda**, **EC2 instances**, **SNS**, and **SQS**, while establishing best practices in **microservices API design** and distribution.
- Spearheaded the **setup of modern CI/CD pipelines**, reducing deployment times, increasing productivity, and fostering **CI/CD**.
- Took charge of the **Git library setup** for source code management, while ensuring proper documentation to promote team collaboration.
- Optimized **asynchronous operations** in **NodeJS** to improve application responsiveness and deliver a better user experience.
- Worked on **feature enhancements, developments, and bug fixing** in both **front-end** and **back-end** using **React** and **Python**.
- Pioneered collaboration among cross-functional teams, ensuring seamless integration between **frontend and backend development**.

Non-Professional Experience
Hyderabad Trekking Company.

Hyderabad,India.

Role: Head of Operations

January 2016-January 2021

- Led a team of 15-20, overseeing travel coordination and vendor contracts. Designed the company's operations tool and website.
- Managed and optimized operations across India where my interest turned into personal and professional experiences.

PROJECTS, LEADERSHIP & TEAMWORK:

- **Wheelz4wash:** Contributed to the development of modal, mobile, frontend, and backend applications using ReactJS for both users and clients. Wheelz4wash is a burgeoning start-up offering door-to-door car cleaning services with an impressive user base of 50,000.
- **MFCharts**: Developed a ReactJS application designed to compare real-time charts of 41,929 Indian mutual funds from their inception, providing users with comprehensive insights into their performance.