**GOURAV ARIGA**

**Full Stack Web Developer**

**513-764-8957**

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**Dallas, Texas**

# CAREER SUMMARY

* Highly motivated and results-oriented Full Stack Developer with over 3 years of experience crafting and deploying user-centric web applications and project management, bachelors in computer science, MS in Information Technology.
* Proven track record of optimizing and technical documentation, code review, deployment strategies (Docker, AWS) to create high-performing applications. Adept at utilizing performance test automation (Jest, Mocha) to identify and rectify bottlenecks, system integration, Linux for shell Scripting, Development of Mobile Applications both Android and IOS. Experience working with cross-functional teams utilizing advanced problem-solving, Collaboration.
* Thrive in Agile environments and foster a collaborative spirit. Possess a strong understanding of Agile methodologies, ensuring clear communication and efficient project delivery from initial concept to production deployment.

# EDUCATION

Master Of Science, Information Technology **01/2022 - 05/2023**

University of Cincinnati, Cincinnati, Ohio

Bachelor of Science, Computer Science and Engineering **05/2017 – 07/2021**

Vidya Jyothi Institute of Technology, JNTU, Hyderabad

# WORK EXPERIENCE

PTC Solutions, USA | FULL STACK WEB DEVELOPER **05/2023 – 04/2024**

* Leveraged HTML to develop responsive layouts, reducing tickets by 30%, implemented CSS animations, boosting session duration by 10%, and utilized dynamic JavaScript to drive a 5% increase in conversions.
* Developed and maintained a user-friendly and responsive single-page application (SPA) using React for real-time stock price visualization and interactive financial dashboards, knowledge of Agile/SCRUM.
* Implemented functionalities like user account management, secure logins with two-factor authentication (2FA), and personalized watchlists using Node.js and Express.js, adhering to industry’s best practices for financial data security.
* Built robust and scalable REST APIs using Java, Spring for real-time stock data feeds from financial markets, utilizing message queues like Kafka to handle high-volume data streams efficiently, experience in real time operating system.
* Engineered a relational database schema with MySQL and No-SQL, integrating Oracle and Elasticsearch, to manage user information, financial holdings, and transaction history, prioritizing data integrity and compliance with financial regulations, knowledge of distributed systems, experience working with XML, JSON, SSl, TCP/IP.
* Plan and design the cloud infrastructure on AWS, Trouble shoot and resolve issues with cloud applications, understand core AWS services and apply best practices regarding security and scalability.
* utilized a comprehensive suite of modern technologies including state management solutions (Redux), data fetching libraries (**GraphQL**), build tools (Webpack, Gulp), **UI/UX design tools** (Figma, Sketch), and proficient in **DevOps** practices for streamlined development and deployment.

Data square, india | FULL STACK WEB DEVELOPER **08/2019 – 11/2021**

* Crafted interactive applications employing JavaScript, AngularJS, and HTML5 to bolster mobile traffic, integrating CSS/SASS for optimized performance, resulting in a notable 20% enhancement in loading speed.
* Enhanced MySQL database queries and employed indexing techniques to efficiently manage and retrieve extensive user data, posts, comments, and social interactions, maintaining rapid response times as the user base expanded.
* Crafted a cutting-edge microservices infrastructure with Java Spring Boot, fostering scalability, ease of maintenance, and rapid deployment through the strategic segmentation of complex functionalities, and Information Systems.
* Enhanced MySQL database queries and employed indexing techniques to efficiently manage and retrieve extensive user data, posts, comments, and social interactions, maintaining rapid response times as the user base expanded.
* Implemented an automation framework leveraging JUnit and TestNG for executing functional and unit test cases.
* Established social login options and social sharing features to streamline user registration, enhance user acquisition, and promote content virality.

# TECHNICAL SKILLS

**Languages/Coding**: C++, C#, python, Java, R, Linux, HTML5, CSS3, JavaScript (ES6+), Bootstrap, React, Redux, GraphQL, WebGL, WordPress, Drupal, Figma, Sketch, Node.js, PHP (Laravel), Java (Spring Boot), .NET (ASP.NET Core), SQL (MySQL, PostgreSQL), NoSQL (MongoDB, Firebase), RESTful API, deployment pipelines with Jenkins and Maven, Unix, Spring Scheduler, CI/CD.

**Other** **Skills**: Agile Methodologies, Test-Driven Development (TDD), Debugging, Deployment, Performance Optimization, containerization technologies like Docker, Cloud, AI, AWS, Azure, Kubernetes, Git, GCP, HTTP Protocol**,** Apache, Nginx, JIRA, Kanban, RabbitMQ, Kafka, GitHub, confluence, decision making.

# CERTIFICATIONS

* **Learning React.JS**
* **HTML Essential Training**
* **Full Stack Web Developer**