Gayathri Polubothu

Full Stack Developer

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Personal Summary

Senior Full Stack Developer with 9+ years of comprehensive web development experience, specializing in React.js, Angular, and Node.js. Proven expertise in microservice architecture, modern JavaScript frameworks, and end-to-end application development. Strong background in both frontend and backend technologies with a track record of delivering scalable solutions across diverse industries.

Work experience

Zoro UK (June 2023 - Present)

Full Stack Developer

Project   : ZORO UK
Location : London

Key Responsibilities:
- Developed and maintained full-stack web applications using React.js, Next.js, Node.js, and Express.js, delivering scalable, high-performance solutions.
- Built responsive, accessible, and optimized user interfaces with JavaScript (ES6+), TypeScript, and Tailwind CSS to enhance customer experience.
- Implemented secure and configurable microservices leveraging Hashi Corp Vault for secret management and unleash for feature flagging.
- Designed and consumed RESTful APIs, Graphql and integrated with third-party services to support seamless data exchange.
- Wrote comprehensive unit and integration tests using Jest and Cypress, achieving high test coverage and reducing production defects.
- Collaborated with cross-functional teams (designers, QA, product managers) in a Scrum environment, participating in sprint planning and retrospectives.
- Maintained CI/CD pipelines with Jenkins to automate builds, testing, and deployments, improving release efficiency.
- Conducted peer code reviews and contributed to maintaining high coding standards, scalability, and clean architecture.

Vibrant Media (March 2022 - March 2023)

Full Stack Developer

Project   : Quintesse Management
Location : London
Key Responsibilities:
- Developed new application features like CML, analytics reporting, change log, etc utilizing React JS with Redux, Node JS and JavaScript
- Integrated Sentry's React SDK in project which enables automatic reporting of errors and exceptions
- Wrote unit test procedures using Cypress to verify the functionality of user interfaces
- Tracked and managed deliverables on 20+ short-term sprints and deployments

- Documented developed features and dependencies of applications

Quantela Inc (2014-2022)

Senior Backend Developer (Jun2019-Mar2022)
Project   : Atlantis 2.0
Location : Visakhapatnam
Key Responsibilities:
- Developed and provided new APIs with Micro Services architecture using Node JS and JavaScript
- Designed and developed new features like creating, updating and deleting connection templates, connectors, adapters/datasets and posting them to given web services
- Wrote unit test procedures using Jest to verify the functionality of developed features and user interfaces.
- Managed deliverables on more than 50 short-term sprints and deployments
- Documented developed features and dependencies of applications.
- Used Git for version control and project releases

Full Stack Developer (Jan 2017- Aug2019)
Project   : TRC/IE
Location : Visakhapatnam
Key Responsibilities:
- Designed and developed new features like creating, updating and deleting connection templates, connectors, datasets and mapping of source and target systems
- Developed different data sources examples like Flex, Rest, SOAP, FTP and Static etc as source and target systems
- Developed and provided new APIs using Thingworx IOT tool with JavaScript.
- Tracked and managed deliverables on more than 40 short-term sprints and deployments
- Documented developed features and dependencies of applications

Full Stack Developer (Apr 2016- Mar2017)
Project   : PTC Flex PLM Integration NexGen Packaging
Location : Visakhapatnam
Key Responsibilities:
- Developed APIs in Thingworx for Flex PLM as a source system and Nexgen as a target system
- Designed and developed integration user interface with Thingworx tool service called Mashups
- Collaborated with the team members to resolve the issues and bug fixes

Front End Developer (May2015-Apr2016)
Project   : Smart Spaces
Location : Visakhapatnam
Key Responsibilities:
- Developed user interface with Angular JS, JQuery and HTML5, CSS3
- Used custom angular directives to avoid duplication of code, to creat widgets and to handle REST API calls
- Customized JQuery plug-in to support project requirements
- Controlled page styles with CSS style sheets
- Widely used AJAX calls for better user experience with real time communications in the form of JSON data
- Used Gulp for build generation and implemented Cordova Network Plug-in to detect internet access and custom fonts for Android and iOS. Used Git for version control and fixed bugs in developed applications

Front End Developer – (Dec2014-May2015)

Project   : JetStream
Location : Visakhapatnam
Key Responsibilities:

- Developed UI with Angular JS, Ionic, HTML5 and CSS3 and integrated data from the backend services
- Developed re-usable code for the application and collaborated with the team to prioritize the tasks
- Fixed bugs, troubleshoot and collaborated with QA team to resolve the issues
- Used Grunt for build generation and worked on device specific issues
- Used GIT for version control and JIRA for bug tracking

Education

- Bachelor of Technology in Information technology (2010-2014) from Gayatri Vidya Parishad College of Engineering, Visakhapatnam, India

Technical Skills

- **Frontend:** React.js, Next.js, Angular.js, Redux, TypeScript, JavaScript (ES6+), Tailwind CSS, Material UI, HTML5, CSS3, SCSS, jQuery
- **Backend:** Node.js, Express.js, Microservices, REST APIs, Unleash (Feature Flags), HashiCorp Vault (Secrets Management)
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Testing & QA:** Jest, Cypress, Red Booth, Bugzilla
- **DevOps & CI/CD:** Jenkins, Git (SourceTree, Git Bash)
- **IoT Platforms:** Thingworx
- **Build Tools:** Webpack, Gulp, Grunt
- **Project Management:** JIRA, Product Office Management
- **Additional Skills:** Agile/Scrum, TDD (Test-Driven Development), Cross-Platform Development (Ionic, Cordova), Code Reviews & Documentation