

AYUSHKUMAR VARIYAVA

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Result-driven graduate with 3+ years of work exp. seeking full-time roles in Front End Engineer.

EDUCATION

University Of Texas At Arlington , <i>MS in Computer Science</i> Texas, USA	GPA: 3.3 / 4.0	May 2024
Gujarat Technology University , <i>B.Tech in Computer Engineering</i> Gujarat, India	GPA: 8.63 / 10	Aug 2021

EXPERIENCE

Saviom Software, *Software Developer* | Remote (Gujarat, India) Jun 2021 - Jul 2022

- Spearheaded ExpressJs projects, contributing to CRM web application development and maintenance.
- Integrated client-provided APIs and MYSQL tables into existing codebase for new features, reducing integration time by 15%.
- Oversaw enhanced code review system implementation within Express framework and Nodejs backend. Led development of an exam room simulation page, decreasing bug incidence by 20%.
- Built APIs and SQL queries to design an interactive dashboard with pie charts and bar graphs, enhancing data visualization by 25%.
- Crafted the frontend with vuejs and Chart.js, increasing functionality and UI, improving user satisfaction by 30%.
- Wrote unit tests using Jest/Mocha/Enzyme, and optimized CI/CD pipeline performance.

Indian Institute of Hardware Technology, *Full-stack web development* | Remote (Gujarat, India) Aug 2019 - May 2021

- Leveraged Express for backend development, HTML and tailwind css for frontend design, while also utilizing vanila.js for web applications, across various client website projects Implemented efficient data structures to optimize the performance of functionalities developed using JavaScript and Nodejs
- Additionally, enhanced database operations through MongoDB Propelled 40% increase in sales growth through creation of selling growth software
- Integrated ES6+ to optimize query efficiency by 20% and decrease page loading time by 50%.
- Elevated test coverage by 30% through implementation of automated testing utilizing Jest and Enzyme
- Achieved 15% enhancement in user satisfaction metrics by developing and executing responsive user interfaces using JavaScript, HTML5, SCSS, and Bootstrap.
- Led adoption of agile methodologies with Jira and Confluence; amplifying team productivity by 15% through iterative development cycle encompassing JavaScript, HTML5, CSS, and Node.js, with Firebase as backend.

SKILLS

Languages:	Javascript, Python, C/C++, C#, Java, Git, Bash, php
Web Technologies:	TensorFlow, AJAX, Node.js, Bootstrap, XML, JSON, Firebase, SQL, AWS(SDK, LAMBDA, S3, DYNAMODB, APIGATEWAY, AMPLIFY), Vite, Gulp, Bower, Github, Linux/SSH CLI, GitLab, MVC, Figma, npm, Grunt, Babel, Webpack, PostCSS, NPM
Framework:	ReactJs, ExpressJS, Django, Asp.net, Laravel, AngularJs
Software:	Visual Studio Code, PostMan, Git, Slack, Docker, kubernetes, Cisco Packet Tracer, PowerBI

PROJECTS

Academia – WEB-APP for Job Management

- Spearheaded development of academia web application for job management; employing React.js for frontend and Laravel for backend architecture.
- Bootstrap was utilized for the design aspect of this project.
- Created real-time chat feature utilizing WebSocket and Socket.io; optimizing user interaction and decreasing response time by 20%.
- Leveraged PHP and SQL for seamless database management; ensuring efficient data storage and retrieval processes

Portfolio - Information

link:portfolio

- Conceptualized, designed, and developed a portfolio website using React.js and JSX, skills, and achievements.
- Implemented a user-friendly interface with dynamic project showcases and interactive design elements.
- Deployed on Kubernetes with Docker containers managed by Civo Kubernetes, ensuring high availability with automatic pod creation in case of failure.

Automating Nearby Places Information Retrieval –

- I developed a Node.js script utilizing Puppeteer and web scraping libraries to automate the extraction of location data from Google.
- This script not only collected detailed information about nearby places but also generated and emailed reports to users in the form of .txt files.
- The script was designed to run at scheduled intervals, ensuring users always had access to the latest data, which enhanced their ability to make informed decisions quickly and efficiently.