AYUSHKUMAR VARIYAVA

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EDUCATION

University Of Texas At Arlington, *MS in Computer Science* | Texas, USA   Aug 2022 - May 2024
Gujarat Technology University, *B.Tech in Computer Engineering* | Gujarat, India   May 2017 - Aug 2021

EXPERIENCE

Mansfield Om Sai LLC, *Full Stack Web Developer* | Remote (Mansfield, Texas)   Sep 2024 - Current
- Directed React.js initiatives, signif cantly contributing to the development and upkeep of CRM web applications.
- Integrated external APIs and linked MySQL databases into the existing system to enable new features, reducing the integration process by 15%.
- Supervised an improved code review mechanism within the React.js and Node.js architecture using TypeScript. Guided the creation of an exam room simulation module, cutting down bug occurrences by 20%.
- Developed APIs and DynamoDB to build an interactive data dashboard with visual elements such as pie and bar charts, increasing data insights by 25%.
- Assembled the pages with React.js and TypeScript, enhancing functionality and boosting user satisfaction by 30%.
- Transformed Figma designs into web pages utilizing HTML5, CSS3, and JavaScript/jQuery(ES6+).

Saviom Software, *Software Developer* | Remote (Gujarat, India)   Jun 2021 - Jul 2022
- Spearheaded Express.js with TypeScript 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% using Microsoft SQL Server on AWS.
- Oversaw enhanced code review system implementation within the React.js framework as the frontend and Node.js backend with TypeScript. Led the development of an exam room simulation page, decreasing bug incidence by 20%.
- Built APIs and GraphQL queries to design an interactive dashboard with pie charts and bar graphs, enhancing data visualization by 25%.
- Crafted the frontend with React.js and TypeScript, increasing functionality and improving user satisfaction by 30%.
- Wrote unit tests using Jest/Mocha, optimized ElasticSearch queries, and enhanced CI/CD pipeline performance.
- Designed web pages from Figma using HTML5, CSS3, and JavaScript/jQuery(ES6+).

Indian Institute of Hardware Technology, *Full-stack Web Developer* | Remote (Gujarat, India)   Aug 2019 - May 2021
- Leveraged Express.js for backend development, HTML, and Tailwind CSS for frontend design, while also utilizing React with TypeScript for web applications across various client website projects. Implemented e cient data structures to optimize the performance of functionalities developed in Node.js.
- Additionally, enhanced database operations through MongoDB, propelling a 40% increase in sales growth through the creation of sales growth software using Microsoft SQL Server on GoDaddy.
- Integrated ES6+ to optimize query e ciency by 20% and decrease page loading time by 50%.
- Elevated test coverage by 30% through implementation of automated testing utilizing Jest and Enzyme.
- Achieved a 15% enhancement in user satisfaction metrics by developing and executing responsive user interfaces using JavaScript, HTML5, CSS3, and Bootstrap.
- Led the adoption of agile methodologies with Jira and Conf uence, amplifying team productivity by 15% through iterative development cycles encompassing JavaScript, HTML5, CSS, and Node.js, with Firebase as the database.

SKILLS

Languages:	JavaScript, Python, C/C++, C#, Java, Git, Bash, PHP
Web Technologies:	TensorFlow, AJAX, Node.js, Bootstrap, XML, JSON, Firebase, WordPress, SQL, AWS (S3, DynamoDB, API Gateway, Lambda, Amplify), Vite, GitHub, Linux/SSH CLI, GitLab, MVC, Figma, npm, Babel, Webpack, PostCSS, YAML, SEO
Frameworks:	React.js, Express.js, Django, ASP.NET, Laravel, AngularJS
Software:	Visual Studio Code, Postman, Git, Slack, Docker, Kubernetes, Cisco Packet Tracer, PowerBI, Composer

PROJECTS

ZTX Hospitality – *Comprehensive Hotel Hospitality Website*   link: ZTX Hospitality Website
- Executed the ZTX Hospitality platform from inception to launch, integrating both frontend and backend functionality that showcased over 50 client hotel properties; streamlined user interactions leading to a 40% increase in bookings.
- Crafted a visually appealing and responsive frontend using React.js, boosting user engagement by 50% and reducing bounce rate by 20%.
- Architected the backend using Node.js and Express.js, improving data management e ciency by 30% and reducing server response time by 2 seconds.
- Launched the platform on a custom domain, set up o cial email accounts, and ensured secure, scalable hosting with 99.9% uptime.

TipsMagnet – *QR Code-based Tipping System for Motels*   link: Motel Page link:Landing

- Created TipsMagnet, a system allowing motels to receive tips via QR codes, increasing tip volume by 35% and reducing transaction time by 15%.
- Designed the frontend using React.js, hosted on cPanel, ensuring a user-friendly interface that improved customer satisfaction by 25%.
- Established the backend with Express.js and TypeScript, enhancing scalability by 40% and optimizing data storage using AWS DynamoDB and S3.
- Rolled out the backend by deployment of a Civo Kubernetes cluster, ensuring high availability and reliability with a 99.9% uptime guarantee.

Portfolio Website – *Personal Information Showcase*   link: portfolio

- Built a portfolio website using React.js and JSX to showcase skills and achievements, increasing portfolio visibility by 50%.
- Implemented deployment using a Civo Kubernetes cluster, achieving 99.9% service uptime and seamless scaling to meet increased user requests by over 150% during peak periods.

Automated Nearby Places Information Retrieval –

- Engineered a Node.js script using Puppeteer for web scraping, reducing manual information collection time by 80% and improving data accuracy by 30%.