

JAY KSHATRIYA

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PROFESSIONAL PROFILE

Highly skilled and results-driven Software Engineer with over 4 years of hands-on experience in web development. Adept at creating robust web applications and API systems with a strong commitment to code quality and reliability. Skilled in collaborating with cross-functional teams, conducting code reviews, and adhering to architectural best practices. Proficient in a wide range of technologies, including Vue.js, TypeScript, Node.js, AWS, and more. An invaluable asset to any software development team with a demonstrated history of contributing to project success.

RELEVANT SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, TypeScript, Python
- **Computer science principles:** Data structures, Object-oriented programming
- **API Development:** RESTful API development and integration
- **Version Control:** Git (GitHub, Bitbucket)
- **Project Management:** JIRA, Azure
- **Cloud Services:** AWS (S3 bucket, Lambda function, EC2)
- **Web Frameworks/Library:** Vue 3, Angular, Node.js
- **Testing Frameworks:** Jest
- **Database:** MySQL
- **Data Analysis:** Power BI, Jupyter Notebook
- **Problem Solving:** Effective debugging, strong problem-solving and critical thinking skills
- **Communication:** Effective communication and team collaboration

PROFESSIONAL EXPERIENCE

Software Engineer

November 2022 – Present

Matrix Exit, India

- Pioneered the development of a comprehensive project using Vue 3 Composition API, Pinia, and TypeScript.
- Crafted a structured project layout, incorporating route guards, spinners, and seamless navigation.
- Seamlessly integrated Axios for handling HTTP requests, ensuring efficient communication between frontend and backend.
- Implemented route guards for secure navigation, bolstering user authentication and authorization.
- Participated in code reviews, ensuring that architectural best practices were followed throughout the development process.
- Utilized Jest for robust unit and integration testing of software components, ensuring code quality and reliability.

NodeJS Developer

October 2022 – November 2022

Trames Private Limited, India

- Joined Trames Pvt Limited as Node.js Developer, quickly adapting to company operations and Management systems in a month.
- Collaborated with senior team members for comprehensive microservices knowledge transfer and understanding of Trames' architecture.
- Proficient in Amazon AWS, Lambda, Node.js, and DynamoDB; actively developed microservices to enhance operational efficiency.

Software Engineer**February 2021 – June 2022***TatvaSoft, India*

- Led the development of an advanced web application centered on Aviation law using Angular 8, GraphQL, NodeJS, and Neo4j.
- Integrated the TinyMCE plugin to enhance content creation and editing capabilities.
- Managed dynamic forms for various content categories including Acronyms, blogs, definitions, newsletters, literature, and judgments.
- Implemented features allowing users to create, update, and delete content.
- Designed notifications for subscribed users about the latest content updates.
- Provided a user-friendly environment for content creators, thereby improving the overall content quality.
- Delivered a comprehensive user experience by offering a wide range of aviation-related content.
- Contributed to a platform that serves as a valuable resource for users seeking aviation-related information.

Software Engineer**June 2019 – January 2021***SculptSoft, India*

- Successfully implemented web scraping techniques using JavaScript to extract social media security questions and user answers.
- Designed and developed a customer-facing website from scratch using HTML, CSS, and JavaScript for VPN services also seamlessly integrated the Stripe payment gateway.
- Successfully designed and implemented APIs using Flask Python and Flask-SQLAlchemy.
- Leveraged tools like JIRA, BitBucket, and Microsoft Azure to collaborate seamlessly with team members.

Intern (Cloud Computing)**May 2018 – June 2018***SculptSoft, India*

- Demonstrated commitment and dedication by completing a four-week internship program focused on Cloud Computing, during which a project titled "Serverless Architecture AWS" was designed and developed using Amazon Web Services' serverless architecture.
- Created a project video and established a GitHub repository for effective documentation, skillfully employing AWS components including RDS, Lambda Function, S3, and API Gateway to construct a functional and efficient Serverless Architecture.

EDUCATION**Data Analytics for Business Decision Making, Graduate Certificate****May 2023 – December 2023***Durham College, Oshawa, ON*

- Completed first semester of a year program
- GPA 4.85 / 5.0
- Studied data analysis, SQL, data visualization.

Computer Engineering, Bachelor of Engineering**August 2015 – June 2019***Gujarat Technological University, India*

- Cumulative GPA 9.04 / 10.0
- Studied data structures, algorithms, web development, database management, wireless network.