Mayank Gupta

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SKILLS

Programming skills	JavaScript, TypeScript, Python, Java, Node.js, React.js, Vue.js, Next.js, Express.js, Shell
Standards	JSON, REST, gRPC, GraphQL
Database	MongoDB, MySQL
Tools	Docker, Git, Linux, Jenkins, CI/CD, AWS (EC2, Lambda, S3), Azure (VM, Blob Storage)

EXPERIENCE

Software Developer   **July 2023 - March 2024**
Avid Technologies, Montreal, Canada

- Orchestrated back-end architecture and API routes for seamless media upload and user authentication for mobile clients using Node.js, GraphQL, gRPC and Azure storage.
- Designed and developed cross platform mobile application using flutter for handling media and tenants in media and for broadcasting workflows.
- Created a CI/CD workflow using Gitlab for testing and automated deployment on Azure cloud for server side application reducing manual efforts by 30%.
- Engineered user authentication and authorization, ensuring secure access to application resources and implemented role-based access control for administrators and tenants.

Software Developer   **May 2022 - June 2023**
Kaloom, Montreal, Canada

- Designed and developed decentralised test framework transaction dashboard deployed using docker that provides a rich visual summary of daily feature test patterns implemented by Google Chart, Express.js, Vue.js and MongoDB .
- Managed MongoDB database, optimizing queries and aggregation pipeline, resulting in a 25% improvement in database performance and a 35% reduction in page load time.
- Developed views using Vue.js for the dashing library in Docker Containerized Architecture for decentralised deployment of the test framework. environment by fetching data using RESTful APIs.
- Implemented multiple features for the test framework empowering automatic deployment of pods for automated testing of new features to the product.

Software Engineer   **October 2020 - Aug 2021**
WE Excel Software Pvt. Ltd., Chandigarh, India

- Exposed API routes using Node.js and Express.js to enable easy integration with other systems and secure communication between the front-end and back-end deployed to AWS instance.
- Employed Docker and Jenkins for CI/CD automation, streamlining user creation and user payments for increased efficiency and accessibility in leads convertibility.
- Designed and implemented scalable APIs and background workers for managing first and third-party proprietary licenses using NodeJs, Firebase Functions and AWS cloud that serve thousands of requests daily.

EDUCATION

Master of Engineering - Electrical and Computer Engineering   **September 2021 - April 2023**
Concordia University, Montreal, Canada

Bachelor of Engineering - Electrical Engineering   **Aug 2016 - September 2020**
Deenbandhu Chhotu Ram University of Science and Technology, Haryana, India

PROJECTS

Event Management System | **Eventy**
Javascript, React.js, Node.js, Redux, MongoDB, Bootstrap

- Created a scalable back-end with dedicated admin panel using Strapi, Node.js and MongoDB.
- Implement ticketing functionality for paid events, enabling secure online ticket purchases along with comprehensive dashboard for event organizers to manage event details, attendee lists, and ticket sales.

E-Commerce Platform | **MGStore**
Javascript, React.js, Node.js, Redux, MongoDB, Bootstrap

- Created various back-end routes using Node.js and express.js including user authentication and paypal payments integration along side front-end user interface using React.js and Redux.
- Facilitated comprehensive product management functionalities for administrators, allowing them to add, edit, and remove products from the catalog also Integrated order processing capabilities, including order placement, order tracking, and order history for customers.