Saksham Dhyani

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# Experience

## Full-Stack Developer

***Oxyneuron India Private Limited***

*Feb 2024 – Present*

* Developed and maintained E-commerce Application, implementing features like inventory management, secure authentication, and payment gateway integration (Razorpay).
* Built BajajAPI, an API for serial number validation, ensuring product authenticity verification and preventing counterfeit products.
* Developed HR Software, handling leave management, salary slips, and recruitment tracking, streamlining the entire HR workflow.

# Projects

**Studynotion - EdTech Platform**

* **Tech Stack:** Node.js, Express.js, MongoDB, React.js, Redux, Razorpay, Cloudinary
* Designed and developed a feature-rich learning platform allowing students to enroll in courses, track progress, and make secure payments via Razorpay.
* Implemented JWT-based authentication, file uploads using Cloudinary, and a role-based access system for students and instructors.
* Developed an admin dashboard for managing courses, instructors, and user enrollments, optimizing platform administration.

**Uber Clone (Monolithic & Microservices)**

* **Tech Stack:** Node.js, Express.js, MongoDB, Socket.IO, RabbitMQ, React.js, Google Maps API
* Monolithic Architecture: Built a real-time ride-tracking system using WebSockets (Socket.IO), ensuring instant communication between drivers and passengers.
* Microservices Architecture: Implemented RabbitMQ-based inter-service communication, using long polling for efficient data fetching, improving scalability and system reliability.
* Integrated Google Maps API for location tracking, enabling accurate ride estimations and directions.

# Technical Skills

* **Programming Languages:** JavaScript (ES6+)
* **Databases and Cloud Services:** MongoDB, MySQL, REST APIs, CRUD Operations, Data Modeling
* **Frontend Frameworks and Libraries:** React.js, Tailwind CSS, Responsive Design, Component-Based Architecture
* **Backend Development:** Node.js, Express.js, API Development, Authentication and Authorization, Real-Time Data Handling with WebSockets
* **Version Control and Collaboration:** Git, GitHub, Branch Management, Code Review
* **Testing and Debugging:** Postman, Unit Testing, Integration Testing

# Education

* DPG ITM, Gurugram, Haryana, India January 2024- Present

*Master Of Computer Application (Pursuing)*

* Kamrah Institute of Information Technology, Gurugram, Haryana, India January 2021- July 2024

*Bachelor Of Computer Application C.G.P.A – 8.2*

* Kendriya Vidyalaya, New Delhi, India July 2020

*CBSE 12th - Commerce C.G.P.A – 8.6*