

Parth Ganpat Kadam

Software Engineering Intern | Full Stack Development

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Profile Summary

Self-motivated third year Computer Engineering student with practical experience in full-stack web development and Linux-based systems. I am skilled in the development and deployment of end to end web applications which I have done using React, Node.js, Express, and MongoDB. I also have experience in REST APIs, authentication and server deployment in Linux environments. Comfortable with Git, shell environments and automation oriented workflows. Looking for a Full Stack Intern position to put into practice what I have learned and to work on large scale products.

Education

Suman Ramesh Tulsiani Technical Campus of Engineering	2023-Present
Bachelor's in Computer Engineering	Pune, Maharashtra
Indrayani Junior College	2023
HSC	Talegoan Dabhade, Maharashtra

Projects

SecondBrain Content Saving Web App

Live: [secondbrain.software](#)

Tech: TypeScript, React, TailwindCSS, Node.js, Express, MongoDB

- Built and deployed **full-stack web application** with **custom domain** which users can use to save and organize youtube videos, tweets, and articles etc.
- Designed **secure authentication** and **route access** with **JSON web tokens** and **bcrypt password hashing**.
- Constructed **responsive UI components**, and enforced **client-side routing** with React Router and **Context API** for **state management** using React and TailwindCSS
- Used **Axios** to integrate frontend with backend **RESTful APIs** and implemented **error handling** and **loading states on client side**.
- Managed **cloud-based Linux services** for backend, including **environment variables**, **build processes**, and **basic server monitoring** during deployments.

Course Selling App Backend API

GitHub: https://github.com/ParthKadam11/Course_Selling_App_Backend

Tech: Express.js, MongoDB, Node.js, JWT, bcrypt, Zod

- Developed a backend **REST API** for a course-selling platform, including **admin authentication** and **protected routes**.
- Used **Postman** for **API testing** and validation for **response flow**, **reliability**, and **error handling**.
- Designed **CRUD API** and **MongoDB schemas** for course management with **Zod input validation**.
- Applied **error handling**, **middlewares** and **request validation** to ensure reliability and **security** of the APIs.

Optional / Technical Creative Work 3D & Real-Time Environment Systems

Link: https://www.artstation.com/parth_kadam

- Built **3D environments** using **Unreal Engine 5**, which also included **large scale terrain design** with the **Landscape system**.
- Applied **cinematic cameras**, **lighting**, and **sequencing** to produce **commercial-grade visual output** in real-time.
- Optimized real-time **rendering performance** while preserving **high-quality visuals** using **Nanite**.
- Created **procedural environment** generation using **PCG graphs** and **Blueprint Scripting Language** for **automated asset placement**.

Skills

Languages: Typescript, Java, Unreal Engine Blueprints, Python, C & C++

Frontend: HTML, CSS, ReactJs, Javascript, Tailwind CSS

Backend: Nodejs, ExpressJS, RESTful APIs, JWT

Database: MongoDB (mongoose), MySQL

System and Dev Tools: Linux (Arch, Ubuntu), Shell environment, Git & GitHub (version control, collaboration), Postman, ESLint, Prettier, VirtualBox (VMs, Linux setup), Data Structures and Algorithms, Basic shell scripting for development workflows

Deployment & Platforms: Vercel, Render