

Shivam Yadav

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SKILLS

BACKEND DEVELOPMENT: Python, NodeJS.

FRONTEND DEVELOPMENT: ReactJS, Angular, JavaScript, Bootstrap
HTML, CSS.

MISCELLANEOUS: Git, SQL-Alchemy, Figma.

DATABASES: SQL, Postgres-sql, MongoDB

SOFTSKILL: Team player, Deliver results, Bias for action

EXPERIENCE

SAGILITY | Python, Fastapi, AWS, Angular, HTML, CSS, Figma

Associate Software Engineer | June 2024 – Present, Bangalore, India

Multiple CPT-Code Feature for Medical Cases

- Developed a feature for the Nurse-Assist medical review software that allows a single case to be reviewed on multiple CPT codes, expanding from the previous one CPT code per case limitation.
- Enhanced the system's flexibility, enabling more comprehensive review processes and improving case management efficiency for medical professionals.

Line-Level Decision Implementation

- Designed and implemented a feature to facilitate decision-making at the CPT code level, instead of the case level, providing more granular control over the review process.
- Improved the accuracy and precision of medical reviews by enabling individual CPT codes to be decisioned independently within each case.

SQL-Alchemy ORM Implementation and Backend Refactoring

- Integrated SQL-Alchemy ORM across the entire backend codebase for the Nurse-Assist project, ensuring seamless interaction with the database and improving data management efficiency.
- Refined the project architecture by restructuring the codebase into distinct modules: schemas, routers, models, and database queries, resulting in enhanced code readability and maintainability.
- Optimized API performance by leveraging response models (schemas) to parse endpoint results, enabling faster and more efficient data serialization and improving overall response times.

Education

Nagarjuna College of Engineering and Technology, Bangalore, India

B.E, Computer Science and Engineering, Jun 2024

Sarvodaya Senior Secondary School, Kota, Rajasthan, India
Intermediate (10+2), Jun 2020

COURSEWORK

- Data Structures and Algorithms.
- Full stack web development (MERN).
- Version Control System using Git.
- Web – development using Angular.

PERSONAL PROJECTS

- AI – SaaS Platform Genius (ReactJS | CSS | Stripe | Prisma | Git | OpenAI) Link
- Local Tourism Promotion Website (HTML | CSS | JavaScript | Git) Link
- AI Companion SaaS Platform (ReactJS | CSS | Stripe | Git | Prisma | OpenAI) Link

INTERESTS

Sports | Fitness | Nutrition | Cooking