**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