

Rajat Kumar Sharma

Software Engineer

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EXPERIENCE

Software Development Engineer, Buddi.Ai [🔗](#) 05-2021 – present | Chennai, India

- Enhanced a Revenue Cycle Management system in Healthcare using React, Redux, Material UI, and Kendo, incorporating components, and API integration, achieving 70% automation, ensuring 95%+ claim accuracy, streamlining billing, reducing coding costs, and ensuring security and scalability. (Full Time)
- Developed a workflow system using Angular, Tailwind CSS, Play Framework, Scala, PostgreSQL, Slick, and Docker, incorporating microservices and UI components to enable SMEs to efficiently audit medical charts and export audited results within 3-12 hours. (Full Time)
- Redesigned a Candidate Assessment platform from scratch using Angular, Tailwind CSS, PlayFramework, Jooq, Scala, and PostgreSQL, incorporating UI components and microservices to enable HR to identify potential candidates and save the company \$3000+ in hiring expenses. (Full Time)
- Created two demo workflow systems for Medical Coding using Angular and Bootstrap to provide the company with a platform to demonstrate products and services to clients. (Full Time)
- Developed a Medical Annotation tool using Angular, PlayFramework, Scala, PostgreSQL, and Docker to reduce manual work done by SMEs in healthcare by 80% for medical records annotation and management. (Full Time & Internship)
- Successfully delivered SME's requirement for a graphical relational annotation platform using Angular helping in efficient visualization and producing annotation files for Medical Records. (Full Time & Internship)
- Enhanced a Medical Coding workflow solution by using Angular, Bootstrap, Play Framework, Jooq, Scala, and PostgreSQL implementing a recommendation system, a change tracking functionality, and optimizing some APIs for 50-60% faster response time. (Internship)
- Constructed a Health Portfolio application using Ionic Framework integrated with Angular, to store and record health conditions, which helped the team secure 3rd place and win a Rs 5K cash prize in an Internal R&D Hackathon. (Internship)

Data Analyst Intern, Forsk Technology [🔗](#) 08-2020 – 10-2020 | Jaipur, India

- Designed two dashboards for data visualization to get insights on Terrorism Activities [🔗](#) and Call Data Records [🔗](#), reducing time spent on Excel to do the same. (Internship)

EDUCATION

Computer Science Engineering (B-Tech), Lovely Professional University 2018 – 2022 | Jalandhar, India

- CGPA: 7.88.
- Member of Aashary (Student Organisation at LPU).

PERSONAL PROJECTS

My Portfolio, ReactJs [🔗](#) 02-2023 – present

- Created using ReactJs, Bootstrap, and Font Awesome.
- Lightweight application just uses 700Kb - 800Kb to load on browsers.
- Hosted using GitHub Pages.

Contact Manager, ReactJs [🔗](#) 04-2020 – 05-2020

- A platform that provides the contact list from dummy API JSONPlaceholder.
- Features all CRUD operations on contacts.

SKILLS

Frontend Developer

Angular | React | Redux | Ionic | Bootstrap | Tailwind CSS | Material UI | Kendo | HTML | CSS

Backend Developer

Play Framework | Rest APIs | SQL | JOOQ | Slick | PostgreSQL | NodeJs | Spring Boot

Programming Languages

C | C++ | Java | Javascript | Typescript | Python | Scala

Other

Git | Docker