

Rajat Kumar Sharma

Software Engineer

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📁 EXPERIENCE

Junior Research Engineer - Trainee (SDE), Buddi.Ai 🔗 05-2021 – present | Chennai, India

- Contributed to Revenue Cycle Management system in the Healthcare domain by using React, Redux, Material UI, and Kendo, achieving 70% automation and ensuring 95%+ accuracy in claims while streamlining billing workflows, reducing coding costs, and guaranteeing security and scalability. (Full Time)
- Developed a workflow system by using Angular, Play Framework, and Scala to enable SMEs to efficiently audit medical charts and export the audited results within a shorter timeframe of 3 to 12 hours. (Full Time)
- Revamped a Candidate Assessment platform by using Angular, PlayFramework, Jooq, and Scala, enabling HR to identify potential candidates and save the company \$3000+ in hiring expenses. (Full Time)
- Prepared two demo workflow systems for Medical Coding by using Angular to provide the company with a platform to demonstrate their products and services to clients. (Full Time)
- Developed a Medical Annotation tool by using Angular, PlayFramework, and Scala, adding tools for medical records annotation and management reducing the manual work done by SMEs (Healthcare) on Excel and editor by 80%. (Full Time & Internship)
- Successfully delivered SME's requirement for a graphical relational annotation platform helping in efficient visualization and producing annotation files for Medical Records. (Full Time & Internship)
- Contributed to a Medical Coding workflow solution by using Angular, Play Framework, Jooq, and Scala, implementing a recommendation system, a change tracking functionality, and optimizing some APIs for 50-60% faster response time. (Internship)
- Created a Health Portfolio application using Ionic Framework integrated with Angular where users can store and record their health conditions helping my team in scoring 3rd place and a Rs 5K cash prize in an Internal R&D Hackathon. (Internship)

Data Analyst Intern, Forsk Technology 🔗 08-2020 – 10-2020 | Jaipur, India

- Prepared 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), 2018 – 2022 | Jalandhar, India

Lovely Professional University

- 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 applications use less than 700Kb 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

Programming Languages

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

Backend Developer

Play Framework | Spring Boot | Rest APIs | SQL |
MongoDb | NodeJs | ExpressJs | PostgreSQL

Other

Git | Docker