Rajat Kumar Sharma

Software Engineer

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💼 EXPERIENCE

Junior Research Engineer - Trainee, Buddi.Ai ✐   05-2021 – present | Chennai, India
- Contributed to a Revenue Cycle Management tool 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, PlayFramework, 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, Play Framework, 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. (Full Time & Internship)
- The Medical Annotation tool reduces the manual efforts and time spent by SMEs (Healthcare) on Excel and editor by 80%.
- Successfully delivered SME's requirement for a graphical relational annotation platform helping in producing annotation files for Medical Records. (Full Time & Internship)
- Contributed to a Medical Coding platform by using Angular, Play Framework, and Scala, implementing a recommendation system, a change tracking functionality, and optimizing some APIs for 50-60% faster response time. (Internship)
- Scored 3rd place and Rs 5K cash prize in Internal R&D Hackathon organized by the company.
- Created a Health Portfolio application for Hackathon using Ionic Framework integrated with Angular where users can store and record their health conditions. (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

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

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

Other
Git | Docker