

Amlan Roy

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WORK EXPERIENCE

Software Engineer RSL (LinkedIn Contractor)

Pune, India(Remote)
June 2022- Present

- Enhanced user experience and functionality of the flagship client-side application that serves millions of daily users, as measured by a 20% increase in client satisfaction, by designing and implementing complex UI components and features using EmberJS and Glimmer components.
- Improved scalability, security, and performance of the server-side applications, by developing and testing code using Play Framework and integrating it with the client-side application.
- Increased collaboration and efficiency of the cross-functional teams across different time zones, as measured by a 40% increase in productivity and quality, by using agile methodologies and tools such as Jira and Git.

Software Development Intern RSL (LinkedIn Contractor)

Pune, India(Remote)
December 2021- May 2022

- Contributed to the web development project as the sole intern in a dynamic team for the world's largest professional network platform, as measured by positive feedback from the clients and stakeholders, by participating in all stages of the software development lifecycle.
- Optimized user interface, accessibility, and performance of the flagship web application by debugging and optimizing code using best practices.
- Expanded technical skills and knowledge of the web development technologies and frameworks, by learning and applying new technologies and frameworks such as EmberJs, TypeScript, GraphQL, etc. to the project.

NOTABLE PROJECTS

[Fit Mitra- Virtual Fitness Trainer](#)(Final Year Project) | *Android, Kotlin, MLKit*

- Developed an Android app that enables users to monitor and improve their exercise performance at home using AI models
- The app analyzes the user's posture and movement via camera input and provides real-time feedback and guidance
- Applied Kotlin, MVVM, Jetpack libraries and design patterns for code quality and maintainability; integrated various APIs for camera handling, AI inference, database, authentication and skeleton drawing

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Kotlin, C++, Python

Web Technologies and Frameworks : HTML, CSS, Ember JS, React JS, Next JS, Node JS, QUnit

Mobile Technologies / Frameworks : Android, React Native

Version Control: Git

EDUCATION

Year	Degree	Institute	CGPA/ %
2018-2022	BE (Information Technology)	D.Y Patil College of Engineering, Pune	9.39/10
2016-2018	Senior Secondary: Maharashtra State Board	Dinanath High School and Junior College, Nagpur	76.77%
2015-2016	Secondary: CBSE	Sri Guru Harkrishan Public School, Nagpur	10/10

OTHER EXPERIENCES

- Cleared 2 rounds (Top 200 teams across the country) of MHRD Samadhan competition organized by MHRD , Govt of India.
- Worked as a Social Media Manager for TEDxDYPCOE 2019
- 5 star(C++, SQL) in Hacker Rank

INTERESTS

Music (I can play multiple musical Instruments), Fitness and Video Games