



Rajesh Babu Polamarasetti

Staff Engineer at Qualcomm, Architect and full-stack developer with a strong background in designing scalable architectures and delivering end-to-end solutions.

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Skills & Qualifications

- ✓ 14+ Years experience with Frontend, Backend and Mobile Apps development.
- ✓ Extensive knowledge in API & Database Design.
- ✓ Designing scalable, maintainable and high-performance architecture for web applications.
- ✓ Providing technical leadership and guidance to the development team, ensuring alignment with best practices and industry standards.
- ✓ Leading, mentoring and coaching a team of developers, fostering a collaborative and innovative work environment.

Tech Stack

- Front-end: HTML, CSS, JavaScript, React, Angular
- Back-end: Node.js,
- Mobile: React Native, Java
- Database: SQL, MongoDB
- Version Control: Git
- API Development: RESTful, GraphQL
- Docker: Advanced
- AWS: Intermediate
 - EC2, S3, Lambda, AppSync, Route53, ECS, Cognito, CloudFront

Work History

🚧 Staff Engineer | Qualcomm India Private Limited

09/2022 – Present

Worked on making [Qualcomm's AI Studio](#) Desktop Based (Windows & Linux) AI Model execution, verify, profile, and analysis application.

- Optimized file upload feature which can support resumable & chunk uploads as AI modules are huge.
- Integrated CLI into Desktop application (AI Studio), which can help access Qualcomm tools using commands in the studio.

- Minimized loading time by nearly half to load the AI graphs into the studio using Neutron.
- Designed prototype & pitched original idea for new Qualcomm AI Studio (QAI5)
- Lead and mentor a team of engineers, providing support for their professional growth and development
- Participate in the recruitment and hiring process for engineering talent.

🚧 Principal engineering Manager | Quantela, Inc.

07/2011 - 08/2022

Handled Technical and management responsibilities for [Quantela's Atlantis Platform](#).

- Worked with senior leadership to align technical initiatives with overall company objectives.
- Provided technical guidance and leadership to engineering teams.
- Collaborate with technical leads to make informed decisions on technology stack, architecture, and design
- Planning, execution, and delivery of engineering projects (Web & Mobile Applications) to implementation teams.
- Designed and developed Quantela's urban infrastructure platform Atlantis Citizen.
- Lead and mentor a team of engineers, providing support for their professional growth and development
- Handle performance evaluations, goal-setting, and career development for team members.
- Collaborate with product managers, UX/UI designers, and other stakeholders
- Established and enforced engineering standards, best practices, and quality assurance processes.
- Participate in the recruitment and hiring process for engineering talent
- Handled publishing of Android & iOS applications into the Play Store and Apple App Store.

🚧 Software Engineer | Notion Ink Design Labs

07/2009 - 06/2011

Worked for Notion Ink's Adam tablet.

- Collaborate with product managers and stakeholders to understand the requirements and objectives of the mobile applications
- Write efficient, maintainable, and reusable code for mobile applications.