Shaik Mohammed Junaid Sami

Full-Stack & Systems Engineer

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PROFESSIONAL SUMMARY

Full-stack and systems engineer working across web, mobile, and backend with TypeScript, React, Node.js, and Python. Comfortable owning problems end to end, from API and schema design through cloud deployment, and writing code that's easy for the next person to pick up.

EDUCATION

Bachelor of Technology, Artificial Intelligence (Computer Science) *2024 – 2028*

Newton School of Technology, Rishihood University · GPA: 8.15/10.0

Intermediate (Class XII), Narayana Junior College *2022 – 2024 · 91.7%*

Matriculation (Class X), Montessori High School *2021 – 2022 · 91.3%*

EXPERIENCE

Full-Stack Engineering Intern *June 2026 – Present*

Ryzon Digital Private Limited (Stylicaa) | Bangalore, India (Hybrid) | Link

- Design and maintain the **core evaluation engine**, a rule-based state machine that drives scheduling and recommendation logic across the entire platform.
- Built the **priority-based stylist assignment system** — SLA-aware eligibility checks plus slot-strength scoring — replacing an allocation process the operations team ran by hand.
- Handle **cloud deployment end-to-end** on Terraform-provisioned AWS infrastructure: containerization, CI/CD pipelines, and test runs before every release.

React Native Developer *Sept 2025 – Nov 2025*

Apodic Software Solutions LLP | Remote | Link

- Tracked down an **OAuth 2.0 redirect URI** bug in Google Authentication that was breaking session handling on Android, iOS, and web. Fixing it brought authentication failures down to near zero.
- Moved the shared **REST API layer** off polling and onto an **event-driven model**, adding queue-based processing for long-running tasks and rate-limit enforcement, which removed redundant polling traffic entirely.
- Shipped **10–12 production screens in under 4 weeks** for a Spain-based client, building UI components, wiring up REST APIs with proper error handling, and adding **i18n support** through Expo EAS and AWS.

PROJECTS

FuseOS *2026*

Kotlin, SwiftUI, TypeScript, Node.js, PostgreSQL, Protocol Buffers, WebSockets | GitHub

- A **cross-device continuity platform** for Android and macOS with **real-time clipboard sync** and direct **peer-to-peer file transfer**, something neither OS offers natively for the other.
- The architecture splits a **cloud control plane** (auth, device registry, signaling) from a **local-network data plane**, so user data never has to touch the server. That keeps latency low and privacy tight.
- Defined the wire contract in **Protocol Buffers** and built the Node.js/TypeScript signaling server, plus native clients in Kotlin (Jetpack Compose) and SwiftUI.

Cubrics *Jan 2026*

Next.js, TypeScript, Three.js, WebSockets, Kociemba Algorithm | GitHub

- A **production-ready speedcubing platform** with an **interactive 3D Rubik's Cube solver** built on the Kociemba algorithm, generating optimal solutions consistently under 25 moves, in near real time.
- Added a **real-time social layer** over **WebSockets** so users can message, compete, and watch each other's progress live without lag.
- Built with Next.js and TypeScript in a component-driven structure, deployed on Vercel with tuned rendering and a responsive layout across devices.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, Kotlin, SQL, NoSQL
Backend & APIs: Node.js, Express.js, Fastify, REST API Design, WebSockets, Protocol Buffers, JWT, OAuth 2.0
Frontend & Mobile: React, Next.js, React Native, SwiftUI, Jetpack Compose, Tailwind CSS, Three.js, Framer Motion
Databases: PostgreSQL, MySQL, MongoDB, Prisma ORM, Drizzle ORM, Firebase, Supabase
Cloud & DevOps: AWS EC2, Docker, Terraform, GitHub Actions, CI/CD, Vercel, Expo EAS
Computer Science: Data Structures, Algorithms, Systems Software, Distributed Systems, System Integration, Unit Testing, Debugging, Git
Competitive Programming: 700+ problems solved · 1600+ LeetCode rating · 950+ Codeforces rating

EXTRA-CURRICULAR ACTIVITIES

- **Hacktoberfest Super Contributor** for sustained open-source contributions alongside ongoing competitive programming.
- **Tech Lead** and **GitHub maintainer** for the **Finanza Club website** — owned design, development, and repo management.