Junaid Ahmed

Senior Full-Stack Engineer | 9+ Years Shipping Production Software | TypeScript, Angular, Node.js | Web Apps, Integrations, Automation, LLM Features

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Summary

Senior engineer with 9+ years building production web applications that businesses use every day, mostly in Angular and TypeScript, with backend work in Node.js/Express and Python/Django. I connect systems through REST APIs, webhooks and OAuth flows, and I build LLM workflows where deterministic code, the model and a human reviewer each own a clear part of the decision. I use Cursor and Claude Code daily, work independently in remote, distributed teams, and am available to start immediately, for full-time roles or freelance projects.

Key Skills

- **Frontend:** TypeScript, JavaScript (ES2015+), Angular (Signals, RxJS, NgRx), React, Next.js, Nx, Web Components, HTML5, CSS3, Sass/SCSS, Bootstrap, Tailwind CSS, Material UI, design systems, responsive UI, ag-Grid
- **Backend:** Node.js, Express, NestJS, Python, Django
- **APIs and integration:** REST, GraphQL, webhooks, OAuth 2.0, JWT, Keycloak SSO, WebSockets, real-time data synchronization
- **Automation:** Python (requests, BeautifulSoup4), scheduled jobs with GitHub Actions, Chrome extensions
- **3D and data visualization:** BabylonJS (custom geometry, drag and click interaction, instancing, mesh lifecycle, scene freezing), MapLibre, Mapbox, data-heavy dashboards
- **AI and LLM:** LLM APIs (OpenRouter), prompt engineering, citation and output validation, evaluation design, human-in-the-loop systems
- **AI-assisted development:** Cursor, Claude Code, GitHub Copilot (daily use in large production codebases)
- **Mobile and web quality:** Ionic, Capacitor, PWA, Core Web Vitals, accessibility (WCAG)
- **Testing:** Jest, Cypress, Jasmine, TDD

- **DevOps and tooling:** Git, GitHub Actions, Azure DevOps, Docker, CI/CD, Webpack, Vite, micro frontends (Module Federation), performance profiling, i18n
- **Collaboration and leadership:** Jira, Confluence, Figma, agile delivery, mentoring, code review, technical documentation

Applied AI Project

Campaign Trust and Safety Triage Copilot (personal project, 2026)

Live demo: triage-copilot.junaidahmed.dev

- Built an LLM-assisted review workflow for a crowdfunding platform's campaign moderation process, where the model recommends but never decides; every action needs human sign-off with a documented reason
- Designed a six-stage pipeline that splits responsibility explicitly: deterministic code owns anything with a checkable answer, one LLM call handles narrative interpretation, and humans own every final action
- Enforced citation-grounded output: model-cited policy clauses are validated against two clause registries, and any citation quoting text not present in the source submission is discarded
- Built a hand-labeled evaluation set (51 cases, 34 tuning and 17 held-out) with a 90% agreement threshold and zero tolerance for missed sanctions-list hits before any change ships
- Used OpenRouter for a model-agnostic architecture, allowing cost and quality trade-offs across providers

Other Projects

World Cup 2026 Calendar (personal project, 2026)

- Built a Python scraper (requests, BeautifulSoup4) running on a scheduled GitHub Actions workflow that pulls FIFA World Cup 2026 bracket data and publishes it as an ICS calendar file

Experience

Senior Frontend Developer, Sternico GmbH

09/2023 to 05/2026 · Wendeburg, Germany

- Worked on a large Angular and TypeScript application for a safety-critical railway maintenance platform, where a wrong state transition had operational consequences
- Integrated AI features into the product
- Built interactive 3D views in BabylonJS from scratch: custom shapes composed into connected assemblies, drag and click interaction, and live binding of application data from Angular into the scene
- Optimized 3D scene performance as models grew: instanced repeated geometry, disposed unused meshes, cut unnecessary redraws, and froze static parts of the scene, unfreezing only to apply changes
- Cut dashboard load times by 60% through data-fetching and rendering optimization
- Raised code quality through testing standards, code review and mentoring

Senior Web and Mobile Application Developer, DeinePflege GmbH

11/2022 to 07/2023 · Konstanz, Germany (remote)

- Led development of modular dashboards for real-time operations
- Reduced technical debt by 50% and cut build times by 35%
- Improved reliability and data synchronization for live metrics

Senior Frontend Developer, DP World

05/2022 to 10/2022 · Dubai, UAE (remote)

- Restored 24/7 reliability for port operations metrics by resolving real-time data sync issues
- Architected a monorepo, reducing build times by 35%
- Modernized dashboard interfaces to enterprise-grade usability and reduced technical debt by 50% through modularization and deprecated-code audits

Senior Frontend Developer, Strategic Systems International (SSI)

07/2021 to 05/2022 · Lahore, Pakistan

- Owned design and delivery of dispatch and scheduling UIs for a German transportation management SaaS, turning Figma designs into reusable Angular modules
- Cut dashboard render times by 70% by reworking ag-Grid rendering logic
- Wrote custom ESLint rules and led code reviews, reducing post-deployment bugs by 30%

Senior Frontend Developer, FiveRivers Technologies

06/2019 to 07/2021 · Lahore, Pakistan

- Led the migration from Angular 6 to 11 and adopted a micro-frontend architecture, tripling release cadence
- Built interactive analytics dashboards with drill-down logic
- Raised unit test coverage to 80%, reducing regressions by 60%

Full-Stack Web and Mobile Developer, eSketchers

02/2017 to 06/2019 · Lahore, Pakistan

- Built the MVP for Dropship Dynamo, a Shopify-integrated product, with 100+ reusable UI components
- Integrated the frontend with a Python/Django backend
- Delivered client features every two weeks in a fast agile process

Education

BSc Computer Science, National University of Computer and Emerging Sciences (NUCES), Lahore · 2012 to 2016

Certifications

Google Cloud skill badges (hands-on labs, 2026): Prompt Design in Vertex AI; Build a Website on Google Cloud

Languages

English: fluent (C1) · German: elementary (A2, course ongoing)