

+923224497542

[ayyanamir6@gmail.com](mailto:ayyanamir6@gmail.com)

Lahore, Pakistan

# Ayyan Amir

Software Engineer

[GitHub](#)

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[Stack overflow](#)

## Summary

Software Engineer with 3+ years of experience delivering scalable, high-performance web applications. Passionate about creating intuitive user experiences and writing clean, maintainable code that drives business impact. Skilled in leading teams, mentoring developers, and collaborating in Agile environments to deliver quality solutions. Eager to contribute to innovative projects that solve real-world problems.

## Skills & Expertise

**Languages:** JavaScript, TypeScript, Python

**Frontend Stack:** React.js, React Query, Redux, Redux Middleware (Thunk, Saga), Redux Toolkit, React Storybook, React Hook Form, Zod, Material UI, Shadcn, HTML, CSS, Tailwind, SCSS, Gsap3

**Testing:** React Testing Library, Vitest, Jest, Cypress

**Integrations:** Stripe (Payment Gateway), Sentry, Google Analytics, PWA, Charts, REST APIs

**Automation & AI:** n8n (AI Agents, Workflow Automation)

**CI/CD & Deployment:** GitHub Actions, Vercel, Netlify

## Work Experience

**Cogent Labs**

Jan 2022 - Present

Software Engineer

**Boostered** (AI Chatbots)

- Designed and developed the entire AI chatbot platform, addressing customer support challenges by providing proactive and context-aware responses.
- Enabled chatbot training through file uploads and web URLs, allowing it to intelligently utilize client data for accurate user interactions.
- Optimized performance for high responsiveness, making it one of the leading chatbot services in Finland.
- Delivered a scalable, reliable, and user-friendly solution that enhanced customer engagement and support efficiency.
- Wrote comprehensive unit and integration tests using React Testing Library (RTL) + Vitest, ensuring code quality, reliability, and maintainability.

**Zendash** (Marketing Analytics Aggregator)

- Built the entire platform from the ground up with a scalable architecture, translating complex marketing data into actionable insights.
- Designed and implemented a drag-and-drop layout system for creating customizable analytics dashboards.
- Integrated ApexCharts for interactive data visualizations and Stripe for secure payment processing and subscription management.
- Developed Generative AI features to automatically generate dashboard summaries and insights, enhancing decision-making for SMBs.

## **XON** (Study & Revision Flashcard App)

- Developed 4+ dynamic flashcard types with interactive features, improving learning retention and user engagement.
- Built a Notion-like rich text editor for creating and customizing flashcards, providing an intuitive and flexible user experience.
- Led the frontend team, mentoring junior developers and fostering a collaborative engineering culture.
- Built clean, scalable, and reusable components to improve development efficiency and maintainability.

## **Blabble** (Mortgage Lead Management System (UK))

- Built a complete mortgage lead management platform, enabling users to buy, manage, and convert leads in real-time.
- Developed a theming system using MUI, enabling unified design, faster development, and improved component reusability.
- Converted the application into a Progressive Web App (PWA) for enhanced performance, offline support, and cross-device accessibility.
- Integrated Redux-Saga for efficient API data fetching and state management, ensuring smooth and predictable application behavior.
- Integrated Stripe for secure payment processing and subscription management.
- Developed a theming system using MUI, enabling unified design, faster development, and improved component reusability.

## **LogicsDrive**

Feb 2021 - Jan 2022

Junior Frontend Engineer

## **Zain** (Annual Report 2020 (Kuwait))

- Contributed to the development of Zain's interactive annual report, creating a stunning, responsive interface for an engaging user experience.
- Built clean, scalable, and reusable components to ensure maintainability across multiple pages.
- Implemented smooth and visually appealing animations for 10+ pages using GSAP 3, enhancing interactivity and user engagement.
- Collaborated with cross-functional teams to streamline development processes and ensure on-time project delivery.

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## **Education**

**Government college university, Faisalabad**

Sep 2018 - Aug 2022

Bachelor of Science in Computer Science (**CGPA: 3.27**)