Akshay Hemant Kumar

Senior Software Engineer | Fullstack

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SUMMARY

Senior Software Engineer with a proven track record of powering $1B+ operations and generating multi-million-dollar revenue through high-scale, user-centric solutions. Skilled in AI-driven optimizations, React, Next.js, TypeScript, and Node.js; accomplishments include 50% increases in user engagement, 5x performance gains, and MVPs obtaining more than $3.2M in seed funding. Known for clean, maintainable code, seamless collaboration, and transforming complex requirements into intuitive digital experiences.

WORK EXPERIENCE

Software Engineer 2 | Zerocater (Corporate Catering)

Jan 2023 – Present, Bangalore, India

- Led development of multiple products as part of a specialized 3-member frontend team scaling systems to support $1B+ operations. Focused strongly on maintainable and readible code.
- Architected and developed "Meal Planning—3," an AI-enabled meal management system critical for operational scaling, directly enabling Zerocater to secure Series D funding.
- Successfully built "Customer App—3" from scratch, achieving a seamless and highly intuitive user experience, significantly enhancing customer satisfaction and platform adoption.
- Implemented advanced virtualization techniques, improving application performance by 5x and reducing page load times to under 2 seconds, ensuring smooth interactions for high-demand operations.
- Engineered a robust Time and Public Health Control (TPHC) compliance system, directly generating $12M in revenue by facilitating adherence to critical US regulatory standards.
- Developed extensible and reusable UI components for Zerocater's Whisk design system, establishing standardization, reducing redundancy, and accelerating future feature delivery.
- Pioneered the integration of AI-driven development tools, including Cursor, CodeParrot, Copilot, and ChatGPT, which streamlined workflows, reduced manual coding efforts by 30%, and accelerated the product development cycle.

Software Engineer – IC 2 | Bild (Modern Hardware Management)

Jan 2021 – Jan 2023, Hyderabad, India

- Served as Employee No. 1, spearheading the MVP's architecture—directly led to securing $3.2M in seed funding.
- Drove a 50% increase in customer engagement by integrating Slack for real-time platform updates and notifications, drastically improving user collaboration.
- Expanded the product's file handling capabilities with GitHub/GitLab integrations, simplifying cross-platform version control for thousands of engineering assets.
- Led development of a Gitea-based version control to seamlessly manage diverse file types (from images to complex CAD assemblies), streamlining collaboration across hardware and manufacturing teams.
- Engineered a paid-token system for CAD file processing, establishing a new revenue channel and boosting monthly recurring revenue.
- Built robust modules to view and manage PDF, Excel, Gerber, CAD, PowerPoint, Word, and image files, empowering users to handle critical data in one place.
- Delivered advanced dashboards featuring real-time data visualizations and polished CSS animations, accelerating workflow efficiency and decision-making for hardware stakeholders.

Freelance / Contract | Self Employed

Nov 2019 – Nov 2020, Bangalore, India

- Designed and deployed a Virtual Healthcare MVP for a government tender enabling telemedicine for rural Karnataka.
- Launched PetRescYou, A project aimed at aiding animal rescuers keep track of animals within Bangalore

Game Developer | Educational Initiatives

Jun 2018 – Nov 2019, Bangalore, India

- Built UX-focused and physics- and mathematics-focused HTML and Cocos2djs games for the MindSpark platform

SKILLS

- **Technical Skills :** JavaScript, React.js, TypeScript, Eslint, Redux-toolkit, Webpack, System Design, React Testing Library, SocketIO, AWS, Tailwind, Chart.js, PDF.js, Websockets, PWA, SPA, Animation, Node.js, NPM, Storybook, GraphQL, Performance Optimization, Lighthouse, MongoDB, Figma

- **Soft Skills :** Software Planning, Time Management, Communication, Project Planning, Mentoring, Customer Centric UX Design, Problem Solving, Cross functional collaboration

EDUCATION

Bachelor of Engineering in Mechanical Engineering | PES University (VTU affiliated)

Jul 2012 – Jul 2017 · Bangalore, India