

Akshay Hemant Kumar

Senior Software Engineer

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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 readable code.
- Architected and developed "Meal Planning—3," a flagship product aimed at enabling food curators to plan thousands of meals, reducing error rates by **15%** and **improving** operational efficiency by **20%**.
- Drove the development of "Customer Dashboard—3" from scratch, achieving a seamless and highly intuitive user experience with a **15%** increase in adoption and reducing churn for **500+ companies**.
- Implemented advanced virtualization techniques, improving application performance 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 with a seamless system revered for its UX.
- Developed extensible and reusable UI components for Zerocater's Whisk design system, establishing standardization, reducing redundancy, and directly led to a reduction time of feature delivery by **30%**.
- A strong advocate of AI-driven development tools, including **Cursor**, **CodeParrot**, **Copilot**, and **ChatGPT**, which streamlined workflows, reduced manual coding efforts by **50%**, and reduced the product-development time by **40%**.

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

Jan 2021 - Dec 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 the 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.
- 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, and **engineered a paid-token system** for CAD file processing, establishing a new revenue channel and **boosting monthly recurring revenue**.
- Delivered advanced dashboards featuring **real-time data visualizations** and polished CSS animations, **accelerating workflow efficiency** and decision-making for hardware stakeholders.

Freelance / Contract | Self Employeed

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 :** Time Management, Communication, Project Planning, Mentoring, Problem Solving, Cross functional collaboration, UX

EDUCATION

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

Jun 2012 - Jul 2017 • Bangalore, India