

Akshay Hemant Kumar

Senior Software Engineer

akshayhemant@hotmail.com | +91 9738959145 | <https://akshayhemant.com> | <https://www.linkedin.com/in/akshayhemant/> | Bangalore, India

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 the development of multiple products, scaling systems to support **\$1B+ operations**. Focusing strongly on maintainable and readable code.
- Architected and led the development of Zerocater's flagship Meal Planning platform, empowering curators to efficiently schedule thousands of meals at scale—**reduced operational errors by 15%** and **boosted workflow efficiency by 20%** through intuitive UX and performance-optimized design.
- Spearheaded the end-to-end development of the Customer Dashboard v3, delivering a clean, high-performance interface that **increased adoption by 15%** and significantly **reduced churn across 500+ enterprise clients** through improved usability and real-time insights.
- 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.
- Designed and implemented extensible, reusable UI components for **Zerocater's Whisk design system**—driving consistency across the product, eliminating redundancy, and **accelerating feature delivery by 30% through improved developer velocity** and design alignment.
- 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%**.
- Maintained and developed a Image management system on a **legacy Vue.js** product

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.
- Engineered a real-time Slack integration pipeline using Node.js and Webhooks to deliver instant platform notifications—**boosted customer engagement by 50%** and enhanced user collaboration across teams. Included scoped message formatting, secure token-based authentication, and resilient retry logic.
- Expanded the product's file handling capabilities** by integrating **GitHub** and **GitLab APIs** into backend workflows using **Node.js**, enabling seamless cross-platform version control for **thousands of engineering assets**, and utilized webhook-based triggers to automate syncs.
- 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.
- Architected a modular **backend** and **frontend** system to render and manage complex file types—including PDF, Excel, Gerber, CAD, PowerPoint, Word, and images—centralizing critical data access for users.
- Architected a secure, **token-based billing** system for **CAD file processing**, launching a new monetization stream and **increasing 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 / Upskill | Self Employeed

Nov 2019 - Nov 2020 • Bangalore, India

- Launched PetRescYou, A project aimed at aiding animal rescuers keep track of animals within Bangalore
- Designed and deployed a virtual healthcare MVP for a government tender enabling telemedicine for rural Karnataka.
- Studied application development on MERN stack

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, Vue.js, ESLint, Redux-toolkit, Webpack, System Design, React Testing Library, SocketIO, AWS, Tailwind, Websockets, PWA, SPA, Animation, Node.js, NPM, Storybook, GraphQL, Performance Optimization, Lighthouse, MongoDB, Figma, System Design, AWS SNS, S3, MERN
- 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