

Kartik Thakur

SOFTWARE ENGINEER

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EXPERIENCE

SDE-1 (Fintech) | Sopra Banking Software (SBS) | Full time | Noida, IN **Aug 2023 - Present**

Java | JavaScript/TypeScript | Angular | Spring Boot | MongoDB | REST APIs

- Enhanced a **cloud-based payment engine for European markets** handling **10+ transactions per second (TPS)**, improving payment flow efficiency and system reliability.
- Designed and implemented **RESTful APIs** and **state machines** for product lifecycle management, including UK Faster Payments integration and multi-scheme support.
- Boosted customer experience by delivering **UI/UX enhancements**, resolving **50+ production issues**, and collaborating with designers, QA, and product teams for **7 major releases**.
- Conducted **40+ code reviews** and mentored junior developers, improving code quality and reducing defects.

Full Stack Developer (Intern) | NIA Agrocommodity Marketplace | Gurgaon, IN **Jun 2022 - Sept 2022**

React.js | Java | Spring Boot

- Migrated a legacy ASP.NET marketplace ("wheatbazar") to React.js, improving performance by **3x** and simplifying maintainability.
- Developed & optimized **40+ Spring Boot API endpoints**, reducing average response latency by **2.2 seconds**.

SELECTED PROJECTS

Purrfect Pomodoro Timer Chrome Extension, JavaScript, HTML, CSS - [live](#) | [source\(private\)](#)

- Built a robust **Pomodoro technique based timer extension** with auto-start, state persistence, analytics, and calendar view.
- Gained **950+ weekly active users across 20+ countries**, helping users track focus trends and productivity habits.

Have Small Bytes Next.js, Typescript, GraphQL, CMS

- [live](#) | [source](#)

- Designed and developed a responsive **tri-category personal blog** with NextAuth authentication, server-side rendering, and interactive posts (**likes, comments, replies**).
- Explored **Next.js, GraphQL, and CMS integration** for dynamic content management, supporting **1K+ posts** with secure user interaction.

EDUCATION

The NorthCap University, Gurgaon

B.Tech. Computer Science | Grad. May 2023 | CGPA: 7.77

- Coursework: Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks

TECHNICAL SKILLS

JavaScript/TypeScript, Java, Python, React.js, Next.js, Node.js, HTML5, CSS3/SCSS, UI/UX, No-SQL, MongoDB, Git, Kubernetes, RESTful APIs, Kafka, CI/CD, k6