Kartik Thakur

SOFTWARE ENGINEER

Gurgaon, Haryana, India

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EXPERIENCE

SDE-1

SBS | Full time | Noida, India   Aug 2023 - Present
Java | JavaScript/TypeScript | Angular | MongoDB | RESTful APIs

- Enhanced a **cloud-based payment engine** for European markets, supporting **high-volume transactions** by developing features that significantly improved payment flow efficiency.
- Designed and implemented **RESTful APIs** for multiple features and developed state machines to manage the product lifecycle, enabling **UK Faster Payments** integration and broadening product capabilities with other payment schemes.
- Enhanced customer experience by delivering UI/UX upgrades and collaborating with cross-functional teams to launch key features on schedule, **resolved over 50 production defects**, authored **100+ JUnit/Mockito** unit tests, and increased test coverage by approximately **~15–20%**.
- Led over **40 code reviews** and mentored junior developers; partnered with UI/UX designers, QA, and product teams to deliver **seven major releases** on time, boosting user satisfaction and stakeholder confidence.

Full Stack Developer (Intern)

NIA Agrocommodity Marketplace | Gurgaon, India (remote)   Jun 2022 – Sept 2022
JavaScript, React.js, Java, Spring Boot

- **Contributed to migrating** legacy ASP.NET "wheatbazar" platform to React.js, boosting front-end performance by **~3 times** and improving maintainability.
- **Developed & optimized** ~40 Spring Boot RESTful API endpoints, cutting average response latency by up to **2.2 seconds**.

SELECTED PROJECTS

PURRFECT POMODORO TIMER Chrome Extension, JavaScript, HTML, CSS   – [live]

- Built a robust **Pomodoro technique based timer extension** with auto-start, export/import, productivity graphs, a calendar view and some other features.
- Gained **950+ weekly active users** in the first year, helping users track focus and productivity trends.

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 and secure user interaction.

EDUCATION

The NorthCap University, Gurgaon

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

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