



SHASHWAT PATHAK

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SUMMARY

Software Engineer with 3+ years of experience in developing scalable web applications and real-time data processing solutions. Proven expertise in Node.js, React.js, and Java. Actively contributing to open source projects, including **Google Flutter**, **Google Blockly**, **Github Docs** and more.

SKILLS & COMPETENCES

Languages: JavaScript/TypeScript, Java, Python, HTML5/CSS3.
Frameworks/Tools: NodeJS, ReactJS, Express, AWS, Spring Boot, Tailwind CSS, Angular, MUI.
Databases: SQL Server, MySQL, MongoDB, Firebase.

WORK EXPERIENCE

LTI Mindtree Limited

Software Engineer

Bangalore, KA
June 2022 - Dec 2023

- Implemented RESTful APIs with NodeJS/Express and MongoDB, ensuring seamless data flow and real-time updates.
- Developed and maintained complex React applications, improving performance by 20% through efficient state management and optimized rendering.
- Implemented Figma designs to create reusable React components and using custom hooks, reducing code duplication by 40% and enhancing development efficiency.
- Implemented Storybook and Vitest for component driven and test oriented development.
- Utilized React Context for state management, resulting in a more predictable and maintainable application architecture.

Birlasoft Limited

Trainee Software Engineer

Noida, UP
Feb 2021 - May 2022

- Constructed search and user preference features of core product using TypeScript, ReactJS, and Material-UI, enhancing user experience and functionality.
- Implemented RESTful NodeJS backend APIs with React Query, optimizing data fetching and reducing over-fetching by 25%.
- Participated in peer code reviews, system design discussions, and mentored new joiners on React best practices.

ITI Limited

Software Engineer Intern

Mankapur (UP, India)
June 2019 - July 2019

- Developed cross-platform mobile applications using React Native for digitizing manual paper work, reducing overall completion time by 30%.
- Implemented responsive UI designs with React components and Tailwind, ensuring consistent user experience across devices.
- Optimized JavaScript code and React component rendering, improving application performance and reducing load times by 35%.

EDUCATION


Amity School of Engineering and Technology

B. Tech, IT (GPA: 7.3)

Noida, UP
July 2016 - May 2020

RECENT PROJECTS

SyncScribble

syncscribble.com 

Developed a real-time collaborative code editor using React, Socket.IO and Hono backend, enabling synchronized editing and cursor tracking for multiple users. Deployed using Heroku and Vercel.

Snake Game

[GitHub link](#) 

Developed a fun feature-rich, Snake game using HTML5, CSS3, and JavaScript. Implemented game mechanics including snake movement, food generation, collision detection, and scoring.

ACHIEVEMENTS

- Co-authored multiple chapters (Links provided) "*IoT in healthcare*", "*Fog Data Analytics and Healthcare 4.0*", "*Data Visualization Techniques, Model and Taxonomy*".