Sandeep Kumar Singh

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SUMMARY

Proficient Software Engineer with experience in designing, developing, and implementing software applications. Utilize Java, JavaScript and Python to write scalable, secure code with a knack for problem-solving. Successfully optimized a software program resulting in a 60% efficiency increase.

EXPERIENCE

Freelancer   Oct 2019 - Present
Senior Software Developer   *Noida*

Personal Finance Management with Cryptocurrency Integration | *React, Node, MongoDB, Tailwind*
- Enables users to track expenses, income, budgets, and financial goals, while also managing and monitoring cryptocurrency investments with real-time data from APIs like CoinGecko and CoinMarketCap
- Implemented JWT-based authentication and authorization
- Visualized data to show expenses and income

Real Time Collaboration Tool | *Spring Boot, React, Web Socket, API*
- Tool for real-time communication, enables multiple users to simultaneously edit documents, manage tasks on a Kanban board, and schedule events with calendar integration
- Implemented a Web Socket controller to handle real-time document editing messages
- Implemented a notification system to display real-time notifications to users

Restaurant Ordering and Delivery Management | *Spring Boot, Java, React, MongoDB, API*
- Local application to manage restaurant reservations and deliveries in a pre-defined area along with real time status
- Real time tracking of delivery associates

Developed over 50+ projects for clients as per their requirements
- Projects include tool development, API development and Full Stack applications
- Most used Languages and Frameworks include Spring, Java, React, SQL, MongoDB, API, Python, Node

Amazon Development Centre India Pvt. Ltd.   July 2015 - Aug 2016
SDET   *New Delhi*
- Designed and implemented a REST API for test generation based on package parameters, resulting in a 60% increase in efficiency for the team
- Collaborated with the test teams across US and India to understand their requirements and tailor-made solutions to further optimise the dashboard and that increased their productivity by 35%.
- Developed a full stack application using Java, JSP, JavaSript and Hibernate to generate a customised report for tracking tickets for specific teams

Amazon Development Centre India Pvt. Ltd.   July 2014 - June 2015
Software Development Engineer Intern   *Bengaluru*
- Developed a dashboard using Ruby on Rails to track the code changes going to production and reduced the team efforts from 72 hours to 18 hours

Moser Baer   May 2012 - July 2012
Developer Intern   *Greater Noida*
- Developed an internal tool that automated routine weekly report for the Quality Control team increaseing the efficiency of team by 8%

EDUCATION

BITS Pilani, Goa   CGPA 8.78/10
B.E.(Hons.) Computer Science, M.Sc.(Hons.) Chemistry   *2010 – 2015*

TECHNICAL SKILLS

Languages: Java, Python, SQL, MongoDB, JavaScript, HTML/CSS, TypeScript
Frameworks: Spring, React, Node.js, NextJS, JUnit, Tailwind, Express
Developer Tools: Git, Docker, VS Code, Eclipse, LLD, HLD