

# AKSHAT MISHRA

## SOFTWARE ENGINEER

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### Profile

Backend Developer with 3.3 years of experience at Happiest Minds, specializing in designing and developing robust server-side applications using Node.js. A dedicated professional with a proven track record of delivering scalable software solutions, covering full development lifecycle from requirement gathering to implementation and testing. Demonstrated expertise in creating RESTful APIs, implementing database solutions with MongoDB and PostgreSQL, and optimizing backend performance within Agile team environments. Committed to driving technological innovation through consistent, organized development practices and a continuous learning approach.

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### Skills & abilities

Proficient in TypeScript, JavaScript, and Core Java, with experience in building and managing scalable backend systems using Node.js. Skilled in PostgreSQL, MongoDB, and MySQL for efficient data management. Experienced in deploying and maintaining cloud-based applications on AWS (EC2, S3, RDS, Fargate, ECS, ECR) and building CI/CD pipelines for automated deployment. I am currently learning React to expand full-stack development expertise.

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### Experience

#### HAPPIEST MINDS AND TECHNOLOGY

**Software Engineer | November 2021 – Present | Bangalore**

Experienced Backend Developer specializing in REST API development, authentication, database management, and system performance optimization. Adept at building scalable, high-performance backend solutions using Node.js, TypeScript, and modern JavaScript frameworks.

- Developed and optimized REST APIs using Node.js and Express.js, ensuring adherence to JSON and RESTful standards.
  - Designed secure authentication and authorization mechanisms, implementing OAuth, JWT, and role-based access control (RBAC) for seamless user management.
  - Engineered and maintained SQL (PostgreSQL) and NoSQL (MongoDB, Redis) databases, optimizing query performance and ensuring data consistency.
  - Led API testing with Jest and Mocha&Chai, conducting unit and integration tests to maintain system reliability.
  - Utilized Express middleware for API rate limiting and performance enhancements, ensuring efficient request handling under high traffic.
  - Ensured code quality and maintainability through code reviews, Git version control, and adherence to best practices.
  - Collaborated with cross-functional teams, including front-end developers, product managers, and UX designers, to deliver seamless end-to-end solutions.
  - Implemented database indexing strategies to significantly reduce query response times and improve performance.
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**Education****CHANDIGARH UNIVERSITY****Chandigarh | BE in Computer Science Engineering**

Earned a 6.8 CGPA and completed relevant coursework in software development, database management, and software engineering.

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**Communication**

Excellent communication skills with proficient skills in two languages (English & Hindi) enable me to collaborate with clients, stakeholders, and cross-functional teams to deliver high-quality results.

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**Leadership**

Led a personal software development project, mentoring junior developers and coordinating project tasks to ensure timely delivery of high-quality, scalable APIs. Established best practices in backend architecture, code quality, and performance optimization, fostering a collaborative development environment. Oversaw database design, authentication implementation, and deployment strategies, ensuring seamless integration and maintainability of the application.

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