

# Tushar Sanjiv Bochare

## Senior Software Engineer

(+91) 9960483615, [tusharbochare3412@gmail.com](mailto:tusharbochare3412@gmail.com) Pune, Maharashtra (India)

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### SUMMARY

6+ years as a software engineer and AWS cloud specialist in agile startups, with expertise in big data, eCommerce, and distributed systems including microservices. Proficient in scalable product design, backend development, and crafting serverless architectures with cloud technologies.

### SKILLS

- **Languages and frameworks:** Javascript, Node.js, Typescript, NestJs, ExpressJs, Java
- **Databases:** SQL, NoSQL, MongoDB, Postgres, MySQL, GraphQL
- **Cloud:** AWS (Lambda, SAM Serverless, AWS CLI, S3, DynamoDB, IAM, Cognito, EC2, Elastic beanstalk, Cloudwatch, Cloudformation, Codecommit, EventBridge, Athena, RDS, API gateway, SQS, SNS), Google Cloud
- **Testing frameworks:** Mocha, Chai, Jest.
- **Version control systems:** Git, Github, GitLab, Bitbucket
- **GenAI:** LLMs, Langchain
- **Others:** OOPs, Design Patterns, VSCode, Linux, Swagger, REST APIs, JIRA, Okta, Postman

### PROFESSIONAL EXPERIENCE

**Sarvaha Systems Pvt Ltd**, Senior Software Engineer, [April 2018 - Present]), Pune, India

- Morphient: Engineered distributed analytics software, processing 500 TB+ of data.
- Led feature development, boosting project efficiency by 30%.
- Designed fault-tolerant serverless solutions, ensuring 100% uptime.
- Optimized data pipelines using distributed algorithms, cutting costs by 40%.
- Enhanced lambda and S3 usage, achieving a 35% cost reduction.
- Engineered algorithms, improving data processing by 50%, reducing storage costs by 20%.
- Developed AWS resource scripts, cutting deployment time by 60%.
- Integrated multi-platform authentication, reducing login issues by 40% and enhancing security compliance.
- Developed scalable applications using agile methodologies for timely project delivery.
- Worked with project managers, developers, quality assurance and customers to resolve technical issues.
- Mentored junior developers, fostering professional growth and enhancing team productivity.
- Optimized code performance for improved user experience and system efficiency.
- Streamlined development workflows, increasing team efficiency and reducing time spent on repetitive tasks.
- Regularly reviewed peers' code contributions, offering constructive feedback to enhance overall product quality.
- Implemented robust security measures to protect sensitive data and ensure system integrity.

**Sarvaha Systems Pvt Ltd**, SDE Intern, [Jan 2018 - April 2018], Pune, India

- Engineered authentication module using AWS, improving login efficiency by 30%.
- Integrated multi-platform authentication for seamless onboarding.
- Made module configurable for quick integration, reducing development time by 80%.

### OTHER PROJECTS

Precious Paws: E-commerce app for pet products and services (Jan 2022 - July 2022)

- Developed an eCommerce app for pet products, supporting 10,000 daily users.
- Built backend with Node.js and NestJS on AWS EC2, ensuring scalability.
- Integrated Razorpay for transactions and refunds, enhancing payment efficiency.
- Managed database concurrency and transactions for data integrity under high load.

Expenses Management System (Nov 2022 - April 2023)

- Managed bill and payment tracking for 15 vendors, 500 monthly transactions saving notable hours for them.
- Integrated project tracking, vendor management, and billing, 25% efficiency gain.
- Deployed app on AWS EC2, 99.9% uptime, 15% server cost reduction.
- Implemented database concurrency controls, ensured data integrity for 1000 concurrent users.

## AWARDS AND HONORS

- **Smart India Hackathon Winner 2017:** Led a team to win the Smart India Hackathon 2017.
- **Smart India Hackathon 2018:** Led a team and got selected in the final round of the Smart India Hackathon

## EDUCATION

**SGGS Institute of Engineering and Technology**, B.Tech (Computer Science) May 2014 - March 2018 (8.1 CGPA)

**Jawahar Navodaya Vidyalaya**, Higher Secondary School Certificate, May 2013 - March 2014 (91.2 %)

## WORK SAMPLES

LinkedIn: <https://www.linkedin.com/in/tushar-bochare/>

Stackoverflow: <https://stackoverflow.com/users/7417999/tushar-bochare>

Medium Blog: <https://medium.com/@mytusshar>

GitHub: <https://github.com/mytusshar>

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