

# Shivam Singh

Full Stack Developer

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🌐 [in/vam](https://in/vam) 🐙 [github.com/VAM](https://github.com/VAM)

## Profile

Full Stack Developer with experience in dynamic web applications. Published author and researcher with a GPA of 8.9. Proficient in React, Node.js, and Figma. Seeking opportunities to contribute to innovative projects.

## Skills

- **Frontend:** HTML5, CSS3, JavaScript, React.js, Responsive Design
- **Backend:** Node.js, Express.js, RESTful APIs, MySQL, MongoDB
- **Full Stack:** API Integration, Auth & Security, SSR, Microservices
- **Mobile:** React Native, Cross-Platform Development, UI/UX Design
- **Testing:** Unit (Jest, Mocha), End-to-End, Debugging
- **Programming Languages:** C++, JavaScript, HTML5, CSS3, Java
- **System Design:** Scalability, Load Balancing, Database Design
- **Data:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB),
- **Soft Skills:** Problem-Solving, Communication, Project Management, Adaptability
- **Academic:** Published Author, Research Papers, GPA 8.9, Relevant Coursework

## Projects and Relevant Experience

### Vamgram

Full Stack Developer

- Developed media app using React.js, Node.js, Express, MongoDB.
- Implemented user authentication with JWT.
- Created middleware for route protection and Context API for state management.
- Enabled full CRUD operations for posts.
- Integrated React Quill for rich text editing.
- Real-time updates, responsive UI with custom CSS.
- Utilized Postman for continuous testing.

### Calorie Tracker App

Mobile App Developer

- Built cross-platform calorie tracking app with React Native.
- Integrated Edamam API for nutritional data.
- Used Context API for global state management.
- Implemented AsyncStorage for offline functionality.
- Designed responsive UI with custom CSS.
- Managed food entries, tracked daily calorie intake.
- Ensured performance and reliability through testing.

## Publications

- Authored a chapter titled "Convergence of AI, Federated Learning, and Blockchain for Sustainable Development" in the upcoming book by Springer.

## Relevant Coursework

Full Stack Development, Design and Analysis of Algorithms, Operating Systems, Programming Methodologies for Backend Development, Frontend UI with React Native, Software Project Management, Undergraduate Research in Computer Science.

## Education

BTech Computer Science [Bennett University](#)

Specialisation : Full Stack Development 2021-2025