

Vasudev Mandal

Full stack developer

Address: B-493, Trans Yamuna Colony,

Agra, Uttar Pradesh, Pin-282006

Phone: +916397792176

Email: code.vasu@gmail.com

LinkedIn: [/in/vasudevmandal](https://www.linkedin.com/in/vasudevmandal)

Professional Summary:

Innovative and results-driven full stack developer with over 3 years of experience in architecting, developing, and optimizing high-performance web applications. Mastery in Angular, Node.js, and MongoDB, complemented by a robust proficiency in JavaScript and TypeScript. Known for designing intuitive, user-centric interfaces, seamlessly integrating complex APIs, and employing advanced data structures and algorithms to tackle challenging problems. Highly adept in Agile methodologies, with a strong focus on continuous improvement, collaborative teamwork, and delivering cutting-edge solutions. Seeking an opportunity to leverage my technical acumen and creative problem-solving skills in a dynamic and forward-thinking development role.

Skills:

Languages	JavaScript, TypeScript, Java, Python
Front-End	Angular, Rxjs, NgRx, HTML5, CSS3
Back-End	Node.js, Express.js
Databases	MongoDB, PostgreSQL
Data Structures & Algorithms	Good in DSA concepts and implementations
Tools & Technologies	Git, RESTful APIs, Agile/Scrum, jira
Performance Optimization	Application performance improvement, debugging, code maintainability
Collaboration	Experience in Agile environments, cross-functional team collaboration

Ongoing: Data Science course from internshala training.

Professional Experience:

Software Engineer | Smartek21, Pune (March 2022 - present)

- Developed and maintained complex Angular web applications, enhancing performance by 25%.
- Designed and implemented user interfaces with HTML, CSS, and Angular components in collaboration with cross-functional teams.
- Integrated RESTful APIs, ensuring seamless data fetching and user experiences.
- Applied data structures and algorithms to optimize application performance and solve complex problems efficiently.

- Conducted code reviews, debugging, and troubleshooting to uphold code quality and integrity.
- Participated actively in Agile ceremonies, including daily stand-ups, sprint planning, and retrospectives.

Work Achievements:

- **Improved Application Performance:** Enhanced the performance of a key application feature, reducing load times by 20% through optimization techniques.
- **Successful API Integration:** Led the integration of a complex third-party API, which improved the application's data processing capabilities and user experience.
- **Client Satisfaction:** Played a key role in delivering a high-profile project on time, resulting in a 15% increase in client satisfaction scores.
- **Bug Resolution:** Identified and resolved a critical back-end bug that had been causing data inconsistencies, improving the application's reliability.
- **Component Development:** Created over 20 reusable Angular components, which streamlined the development process and ensured consistency across projects.

TRAINING EXPOSURE

Geekster Full Stack Development Program : Undergone a rigorous MERN Stack Web Development training programme at Geekster. Covered all essential web development skills required for Frontend as well as Backend development. Also worked on Data Structures and Algorithms.

Education:

- **B.Tech in Computer Science**, A.P.J. Kalam Technical University, June 2019
- **12th, CBSE**, Agra Vanasthali vidyalaya, 2013
- **10th, CBSE**, St.Andrews Sr. Sec. School, 2011

Projects:

Project Name: E-Commerce Web Application

Technologies Used: Angular, Node.js, Express.js, MongoDB, HTML5, CSS3, TypeScript

- Developed a comprehensive e-commerce platform with user authentication, product listing, and shopping cart functionalities.
- Implemented RESTful APIs to manage product data, user authentication, and order processing.
- Enhanced application performance and load times through effective use of data structures and optimization techniques.
- Collaborated with a team of designers and developers to create a responsive and user-friendly interface.

Project Name: Task Management System

Technologies Used: Angular, RxJS, HTML5, CSS3, TypeScript

- Designed and developed a task management system allowing users to create, update, and delete tasks.

- Implemented complex Angular components to manage task states and user interactions.
- Ensured seamless data synchronization with the back-end using RxJS and RESTful APIs.
- Conducted user testing and implemented feedback to improve usability and performance.