

ARTH VALA

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Professional Summary

Results-driven Aspiring Full Stack Developer specializing in MERN stack with proven expertise in building enterprise-grade scalable web applications using MongoDB, Express.js, React.js, and Node.js. Demonstrated proficiency in RESTful API architecture, database optimization, JWT-based authentication systems, and role-based access control implementation. Strong foundation in AI/ML integration with hands-on experience deploying Computer Vision solutions and Generative AI models into production environments.

Skills

Backend & Architecture: Node.js, Express.js, FastAPI, RESTful API Design, JWT Authentication, Role-Based Access Control (RBAC), Error Handling, API Security

Frontend: React.js, Redux, Next.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Responsive Design, State Management

Database: MongoDB, MySQL, Firebase

AI/ML: Python, TensorFlow, OpenCV, Computer Vision, Generative AI, Pandas, NumPy, Prompt Engineering

Cloud & Tools: AWS, Git, GitHub, Postman, Jira, Figma, VS Code, npm

Soft Skills: Agile Development, Problem-Solving, Cross-Functional Collaboration, Time Management, Adaptability

Education

Parul University, Integrated Master of Computer Applications (AI)

2021 – 2025

– CGPA: 8.90/10.0

– Awarded **Gold Medal** for Academic Excellence in IMCA program

Professional Experience

Associate Full Stack Developer

Feb 2026 – Present

Reyna Solutions – Vadodara, Gujarat

- Developing and maintaining MERN stack web applications with focus on scalable backend services and responsive frontend interfaces
- Designing RESTful APIs, implementing JWT authentication, and managing MongoDB database operations
- Collaborating in Agile environment, participating in code reviews, debugging, and performance optimization

Full Stack Engineering Intern

July – December 2025

Rishabh Software – Vadodara, Gujarat

- Gained hands-on experience in full-stack development using MERN stack, focusing on backend API development with Node.js and Express.js, MongoDB database operations, and building secure authentication systems
- Worked extensively on real-world project implementing JWT-based authentication, role-based access control (RBAC), session management, and RESTful API design patterns following industry best practices.
- Learned Agile development methodologies, participated in daily standups and sprint planning, utilized Git for version control with branching strategies, and engaged in peer code reviews to ensure code quality

Projects

Guest House Booking System

React.js, Node.js, Express.js, MongoDB, JWT

- Engineered full-stack enterprise booking platform handling 500+ monthly reservations with real-time availability tracking, automated approval workflows, and comprehensive booking management dashboard.
- Implemented secure authentication system with JWT tokens and role-based access control supporting 2 roles (Employee, Admin) with granular permission management.
- Increased operational efficiency by 40%

ShapeShift.AI – Transform Ideas into 3D Reality

Next.js, Node.js, MongoDB, Meshy API Integration

- Built full-stack Generative AI web application converting text/image prompts into exportable 3D models (FBX, OBJ, GLB) using advanced AI model API integration and real-time processing pipelines.
- Reduced 3D model generation time by 92%

Certifications

- AWS Cloud Practitioner Essentials
- Intel Unnati Industrial Training
- AngularJS Certification