

LinkedIn: <https://www.linkedin.com/in/jaluiovilash/>    GitHub: <https://github.com/jaluiovilash/>

Full-Stack Developer with 1.5+ years of experience in React.js, Next.js, MERN, and Django, building scalable, high-performance applications. Successfully maintained university-scale MIS platforms serving 100,000+ active users and 40,000+ daily logins. Defined scope and was in a team of 5 interns to develop a Food Court Management App and QR-based Automatic Attendance System, streamlining operations for thousands. Designed and prototyped an enterprise-grade ticketing system, later adopted university-wide. I'm a systems thinker and strategic intuitor, skilled in UI architecture, secure authentication, and efficient APIs. Aspiring to advance from SDE to DevOps Engineer and Systems Architect.

EDUCATION

<b>Parul Institute of Technology</b> Bachelor's in Computer Science & Engineering; CGPA: 7.81	Vadodara, Gujarat <b>Sep 2021 - Apr 2025</b>
<b>Ambe and Jai Ambe Vidyalaya</b> Higher Secondary Schooling; Percentage: 76.50	Vadodara, Gujarat <b>2020 - 2021</b>

SKILLS SUMMARY

- **Languages:** C++, Python, JavaScript
- **Frontend:** HTML, CSS, TailwindCSS, ReactJS, NextJS, Astro
- **Backend:** NodeJS, ExpressJS, Django
- **Database:** MongoDB, MySQL
- **Cloud:** Firebase, Vercel
- **Others:** Agile, Git, Postman, Elasticsearch, Figma, Automation and Unit testing, Clean Code, MVC Architecture, API Integration
- **Soft-skills:** Rapport Building, Problem Solving, Team Leadership, Time Management, Adaptive, Collaboration, Adaptability

WORK EXPERIENCE

<b>Operations Executive, Parul University</b>	<b>Jan 2025 - Present</b>
<ul style="list-style-type: none"><li>• Maintained a large-scale MIS platform serving 100,000+ active users (Student + Staff) with 40,000+ daily unique logins, ensuring seamless scalability, stability, and enterprise-level operational support.</li><li>• Supported operations for 8,000+ staff members, including 3,000+ teaching staff, enabling efficient workflows across student attendance, timetable, academics, and other modules in MIS.</li><li>• Was a part of 2 in-house software projects with a team of 5 interns—defined project scope, and contributed to the development of a Food Court Management App and a QR-based Automatic Attendance System that streamlined exam processes for both students and faculty.</li><li>• Designed and prototyped an in-house ticketing system (SupportDesk), recognized for its modern UI/UX and intuitive workflow, which later became the foundation for a university-wide support platform.</li><li>• University collaborated with GNWebSoft on the University Management System (MIS) and worked alongside the Assistant Product Manager in application maintenance, troubleshooting, and performance optimization—gaining practical exposure to enterprise product management.</li><li>• Progressed from a stipend-based intern to handling critical modules such as Student Attendance, Examination, and Student Operations—strengthening expertise in system maintenance, enhancing user experience, and problem-solving.</li></ul>	

PROJECTS

<b>SupportDesk - Ticketing System   <a href="#">LINK</a></b>	<b>Apr 2025</b>
<ul style="list-style-type: none"><li>• Developed a robust ticketing system using the MERN stack with Remix and TailwindCSS, enabling seamless role-based access control for over 1,500+ users, featuring distinct workflows for administrators and users.</li><li>• Implemented secure authentication using JWT and bcrypt, ensuring complete protection against unauthorized access, and facilitated smooth ticket operations like creation, tracking, and status updates across the platform.</li><li>• Optimized backend performance with Express.js and MongoDB, resulting in 30% faster API response times, while integrating Postman, Nodemon, and Dotenv for a scalable and maintainable development workflow.</li></ul>	
<b>RaktSetu - Blood Bank Management System   <a href="#">LINK</a></b>	<b>Aug 2024 - Oct 2024</b>
<ul style="list-style-type: none"><li>• Engineered a full-stack Blood Bank Management System using Node.js, Express, and MongoDB, enabling real-time inventory tracking and managing over 5,500+ donor records with secure JWT-based authentication.</li><li>• Automated hospital blood request processing with optimized APIs, reducing manual coordination time by 60%, while we can integrate Twilio(skipped in testing due to paid constraints) SMS alerts to notify donors within a 5km radius during emergencies.</li><li>• Led the development of a donor registration and scheduling system that supported 1,000+ donation appointments/month, improving operational efficiency for blood banks by 40% through streamlined workflows.</li></ul>	
<b>Nexpay Dashboard   <a href="#">LINK</a></b>	<b>Aug 2024</b>
<ul style="list-style-type: none"><li>• Designed and developed a fully responsive, interactive payment dashboard using React and TailwindCSS, enabling real-time transaction monitoring and streamlined access to 8+ key financial modules.</li><li>• Built dynamic UI components for API key generation, QR code management, and detailed reporting, enhancing user experience and reducing navigation time by 40% through intuitive workflows.</li><li>• Implemented a modular design system for sections like Ledger, Transfer, Reports, and Bank Details, improving frontend scalability and maintenance efficiency across the entire platform.</li></ul>	

CERTIFICATIONS

<b>Data Analytics with NPTEL   <a href="#">CERTIFICATE</a></b>	<b>Jan 2024 - Apr 2024</b>
<ul style="list-style-type: none"><li>• Completed a 12-week NPTEL certification in Data Analytics with Python (Jan–Apr 2024), covering statistical analysis, data visualization, and predictive modeling using Pandas, NumPy, and Matplotlib.</li><li>• Achieved a total score of 52/100 with top performance in assignments (22.47/25), demonstrating strong proficiency in data wrangling, analytics, and Python-based data processing.</li></ul>	