

# Ayan Pathan

Full-Stack developer | [athanayan9457@gmail.com](mailto:athanayan9457@gmail.com) | (+91) 8097055348

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## Summary

Full-Stack Developer with proven experience in building scalable web and mobile applications using React, React Native, Next Js, Node Js, and MongoDB. Skilled in both frontend development (modern, responsive, user-friendly UIs) and backend systems (secure APIs, database optimization, and authentication). Strong knowledge of cloud deployments and real-time applications. Currently pursuing a **Master's in Computer Science (2025–2027)** at Guru Nanak Khalsa to deepen expertise in advanced software development and emerging technologies.

## Skills

**Frontend** : React | Next Js | Astro Js | React Native | Expo | HTML | CSS | JavaScript | TypeScript | Tailwind CSS | Bootstrap

**Backend** : Node Js | Express Js | REST APIs | Backend as service | Headless CMS | Performance Optimization

**Database & Cloud** : Mongo DB | Firebase | NoSQL | Vercel | Netlify | Digital Ocean | AWS S3 | Vercel Blob | Cloudinary

**Tools & Others** : Git | GitHub | Postman | OAuth | JWT

## Projects

### Claw – Pet Adoption Platform (Web & Mobile) | Full Stack Developer

August 2024 – April 2025 | React, React Native, Node.js, Express.js, MongoDB, Payload, Vercel Blob

Built a secure and intuitive cross-platform mobile application for pet adoption, enabling 500+ users to browse, request, and adopt pets with real-time updates and role-based interfaces.

- Designed and developed a cross-platform adoption platform (web + mobile) with secure role-based dashboards.
- Enabled 500+ users to browse, request, and adopt pets with real-time status updates and personalized interfaces.
- Reduced bounce rates by 30% with a modern responsive UI (React & React Native).
- Integrated email notifications and JWT authentication, improving adoption response rate by 50% and security by 90%.
- Optimized image handling with caching & server sync, cutting load times by 25%.
- Architected backend APIs with Express.js & MongoDB, ensuring modular design and maintainable codebase.
- Deployed and scaled application using Vercel & cloud storage integrations (Vercel Blob, Cloudinary) for seamless media handling.
- Launched scalable mobile MVP supporting 3 user roles, 200+ pet listings, and 500+ adoption interactions with real-time request status tracking.

### Inventory Management System | Full Stack Developer

July 2025 – August 2025 | React Native, Node.js, Express.js, MongoDB, Google Auth, Vercel

- Built a secure inventory app with Google Authentication for personalized user accounts.
- Implemented CRUD functionality (add, update, delete products) with real-time MongoDB sync.
- Designed an intuitive React Native UI, improving usability and reducing onboarding friction.
- Deployed scalable backend with Vercel, ensuring smooth performance and reliable API integration

## Other / Ongoing Projects

- Realtime Chat App (Ongoing): React Native, Node.js, Socket.IO, MongoDB – supports real-time messaging and notifications.
- Additional Projects: Portfolio Website, API Integrations, and experimental builds available on GitHub.

Experience

Junior Full Stack Developer   Techno Serve Software Solutions	July 2024 - Present
<ul style="list-style-type: none"><li>Developed and maintained donation portals and e-commerce websites using React, Next.js, and Tailwind CSS, improving performance and scalability for client solutions.</li><li>Enhanced accessibility and engagement by building responsive and user-friendly UIs, including charity-based websites.</li><li>Integrated backend APIs and handled dynamic content management.</li><li>Integrated secure backend APIs and dynamic CMS content (Payload, WordPress, Headless CMS), reducing manual updates by 40%.</li><li>Designed and deployed WordPress websites for NGOs and small businesses, cutting project turnaround time by 25%.</li></ul>	

Web Developer Intern   Techno Serve Software Solutions	January 2024 - June 2024
<ul style="list-style-type: none"><li>Contributed to internal web applications, focusing on UI enhancements and modular component development.</li><li>Collaborated with senior developers on UI enhancements.</li><li>Implemented REST API integrations and collaborated in Agile sprints with senior developers.</li><li>Participated in code reviews and deployment processes, ensuring production-ready applications.</li></ul>	

Education

Master of Science in Computer Science (Pursuing)	2025 - 2027
Guru Nanak Khalsa, Mumbai	
Bachelor of Science in Information Technology	2022 - 2025
GPA: 9/10   Semester Topper (6th Sem)   Mumbai University	
Higher Secondary Certificate (HSC)	2020 - 2022
Bhavna Trust College   Mumbai University	

Achievements

Academic Excellence   GPA Achievement	2025
Achieved a GPA of 8.70/10 in the Bachelor of Science in Information Technology program, demonstrating consistent academic performance.	
Semester Topper   Mumbai University	2025
Secured 1st position in the 3rd year, 6th semester, recognized for outstanding academic results among peers.	
Web Development Competition   1st Place Winner	2023
Won first place in a college-level web development competition for creating an innovative and user-friendly web solution.	
Hackathon Participation   Tech Innovation Contributor	2023
Actively participated in multiple inter-college hackathons, strengthening teamwork, problem-solving, and rapid prototyping skills in high-pressure environments.	

Core Competencies & Software

API Design & Integration   Responsive Web Design   RESTful API Integration   Version Control (Git)   Teamwork   Containerization (Docker)   Testing & Quality Assurance   Security Best Practices (JWT)   Agile & Scrum Methodologies   Performance Optimization   Web Architecture & REST   Problem Solving   Communication   Leadership   Time Management   Adaptability   Visual Studio Code   Postman   Git   GitHub   MongoDB Compass   MongoDB Atlas   Docker   Figma   Chrome DevTools   Firebase Console   Vercel   Vercel CLI   Digital Ocean   Microsoft Office	
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