

# Ayan Ali Pathan

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**Summary** — Third-year B.Tech student in Information Technology with extensive hands-on experience in full-stack web and application development. Passionate about building robust, scalable, and user-centric platforms using modern technologies such as React.js, React-Native, Node.js, Express.js, and PostgreSQL. Proficient in DevOps tools and practices, including Docker, GitHub Actions, and cloud deployment (AWS, Vercel), enabling smooth CI/CD workflows and efficient production rollouts.

## Projects

### AUTH - Tutorial [Authentication System]

#### [Source Code](#)

- Developed a secure and fully functional authentication system using the MERN stack. The project includes dashboard, user registration, log-in, and password reset functionality.
- **Frontend:** Built a clean and simple dashboard UI using **React.js** with basic form handling and navigation.
- **Backend:** **Node/Express.js** to handle authentication logic and API routing.
- **Database:** **MongoDB** for securely storing user data.
- **Security:** Implemented **bcrypt.js** for password hashing and **JWT** for token-based authentication.
- **Email Integration:** Used **Mailtrap** to send verification and password reset emails.

### Blogs - Buzz – MERN Stack Blogging Platform

#### [Source Code](#)

- Engineered a full-stack blogging application using the MERN stack, facilitating secure user authentication, post creation/editing, and content management functionalities.
- Designed an intuitive and responsive front-end using **React.js**, leveraging component-based architecture, React Router, and contextual state management for seamless navigation and user interaction.
- Integrated a third-party **REST API** to fetch and render real-time blog content dynamically, enhancing the application's responsiveness and external data handling.
- Deployed the application using **Vercel**, set up environment-based configurations, and followed the modular code structure for maintainability.

## Education

### Jay Ambe Group of Schools

2021 – 2022

Completed 11<sup>th</sup> & 12<sup>th</sup> (Science Stream), Gujarat Board

### G H Patel College of Engineering & Technology

2022 – 2026

Bachelor of Technology in Information Technology

- CGPA: **7.37**
- Completed NPTEL course: *Cloud Computing* via SWAYAM Courses. [Certificate](#)

## Experience

### TatvaSoft – 15-Day Summer Internship Program [Project Repository](#)

26 May – 13 June 2025

#### [Certificate](#)

- Completed a structured 15-day internship at TatvaSoft, practicing real-world full-stack development.
- Daily assignments included building robust front-end components with **Angular** and implementing business logic, RESTful services and data models in **ASP.NET Core**.
- Developed and tested APIs using Swagger UI, allowing easy exploration, validation, and documentation of endpoints.
- Deployed applications on a cloud hosting platform (e.g., Azure/AWS/Netlify), with live links and CI/CD workflow configured.
- Tech stack: ASP.NET Core, Angular, TypeScript, HTML5, SCSS, SQL Server; Tooling: Swagger, Git, VS Code.
- Gained experience in component-based UI design, form handling, HTTP client integration, debugging Angular services, and modular project architecture.

## Skills

**Languages** C/C++, Python, PHP,

JavaScript(ES6+)/TypeScript

**Frontend** React.js, Angular.js, React-Native, Tailwind CSS, Bootstrap, Shadcn/Headless UI, HTML5, CSS3

**Backend** Node.js, Express.js, ASP .NET CORE,

MongoDB, JWT Auth, WebSockets, REST APIs  
**DevOps** Git & GitHub, Postman, VS Code, Vercel, Railway, Figma, Agile/Scrum

**Cloud** Salt-Cloud, AWS

**Testing** Docker, Jenkins, Swagger.io API

**Others** Redux Toolkit, Zustand, Cloudinary