

# Rachit Tyagi

Senior Full Stack Engineer · Angular · React · Node.js · .NET · Cloud & AI Assisted Systems

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## SUMMARY

- 12+ years of experience designing and developing enterprise-grade, scalable web applications across frontend, backend, and cloud platforms.
- Strong focus on system design, API-driven architectures, and long-term maintainability.
- Hands-on experience building intelligent, data-driven features using modern AI APIs with emphasis on control, validation, and predictable behavior.
- Solid background in cloud computing, DevOps, microservices, and containerized applications.
- Experienced in leading teams, mentoring engineers, and conducting technical and architectural reviews.

## TECHNICAL KNOWLEDGE

- **Frontend:** Angular, React, TypeScript, JavaScript, HTML5, CSS3, SCSS, Bootstrap, Tailwind, RxJS
- **Databases:** PostgreSQL, MySQL, MariaDB, MongoDB, MS SQL Server
- **APIs & Integration:** REST, SOAP, WebSockets, WebHooks
- **Quality & Reliability:** Unit testing, code coverage, ESLint, observability practices
- **Backend:** Node.js, Express, ASP.NET Core, C#, ADO.NET, LINQ, Entity Framework
- **Cloud & DevOps:** AWS, Azure, Docker, GitHub Actions, CI/CD pipelines
- **Security:** OAuth 2.0, JWT, role-based access control
- **AI-Assisted Development:** OpenAI APIs, LLM-powered features, structured outputs, Copilot

## PROFESSIONAL EXPERIENCE

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### TravelNet Solutions India, Chennai

Jan 2024 – Present

Technical Architect

- Developed and maintained high-performance Angular and React applications for large-scale travel management platforms.
- Designed and implemented RESTful backend services using Node.js and Express.
- Integrated AI-powered capabilities using external APIs to enhance personalization and user engagement.
- Contributed to system architecture discussions and collaborated with UX, product, and engineering teams.
- Improved deployment reliability through CI/CD pipeline enhancements.

### BrainVault Technologies Pvt Ltd, Chennai

Apr 2022 – Dec 2023

Technical Architect

- Spearheaded frontend development using Angular and React, ensuring consistent and scalable UI patterns.
- Designed and implemented Node.js-based microservices to improve modularity.
- Built AI-assisted content generation features using OpenAI APIs, reducing response time by 30%.
- Implemented authentication and authorization using OAuth and JWT.

### DecisivEdge Technology Service India Pvt. Ltd., Pune

Sept 2016 – Aug 2022

Senior Software Engineer

- Developed high-traffic enterprise web applications using Angular and .NET technologies.
- Automated deployment workflows, reducing manual operational effort by 40%.
- Migrated legacy systems to modern architectures, improving application load times by 50%.

## Inventra Tech Pvt Ltd., Noida

May 2015 – Aug 2016

### Software Engineer

- Developed recommendation engine features for travel platforms, improving user engagement.
- Contributed to microservices-based system designs to improve scalability.

## Earlier Experience

- **NTPC Ltd., Noida** – Software Engineer | Nov 2014 – Apr 2015
- **Velocity Software Solutions Pvt. Ltd., Noida** – Software Engineer | Mar 2013 – Oct 2014
- **Xelite Infocom, Cochin** – Software Engineer | Jul 2012 – Feb 2013
- **Sunshine Info India Pvt. Ltd., Delhi** – Trainee | Jun 2011 – Aug 2011
- **Syscom Corporation Ltd.** – Trainee (Internship) | Jun 2010 – Jul 2010

## ACADEMICS

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- **B.Tech. (Computer Science)**, Gautam Buddha Technical University, Lucknow – 2012
- **Senior Secondary School**, CBSE Delhi – 2008
- **Secondary School**, CBSE Delhi – 2006