





# Abishek Rout

## Software Developer

Results-driven Computer Science Engineer and Full-Stack Developer with expertise in Angular, Next.js, Node.js, Express, and MongoDB. Skilled in deploying scalable applications using Docker, Redis, and DigitalOcean. Strong problem-solving ability with a focus on delivering high-quality, efficient, and impactful solutions.

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### SKILLS

- Programming Languages: 

JavaScript

TypeScript

Python

Java
- Frontend: 

React

Angular

Nextjs

Html

Css

Tailwind Css

Bootstrap
- Backend: 

Nodejs

Expressjs
- Databases: 

MongoDB

Redis
- Cloud & DevOps: 

Docker

AWS
- Tools & Platforms: 

Git

Vs Code
- Soft Skills: 

LeaderShip

### WORK EXPERIENCE

<b>SDE-II</b>	Gurugram , India
<b>Stuvalley Technology Pvt. Ltd • Full-time</b>	Jun 2023 – Present
<ul style="list-style-type: none"><li>Experienced Full-Stack Developer with a strong focus on backend development and scalable web architecture. Proficient in building robust and secure APIs using Node.js and Express.js, while also skilled in developing dynamic and efficient frontend applications using Angular (16–18) and Next.js. Adept at integrating MongoDB, Redis, and Docker into high-performance, productionready systems. Collaborative team player with a passion for clean code, modern DevOps practices, and continuous learning.</li><li>Proven ability to work across the stack and deliver maintainable software in agile environments.</li><li>Key Skills<ul style="list-style-type: none"><li>Frontend: Angular (16, 17, 18), Next.js (App Router), HTML5,</li><li>CSS3, Tailwind CSS, JavaScript, TypeScript</li><li>Backend: Node.js, Express.js, MongoDB, Redis, RESTful APIs,</li><li>JWT Authentication</li><li>DevOps: Docker, GitHub, CI/CD Pipelines, Postman,</li><li>ThunderClient</li><li>Tools &amp; Practices: Modular Architecture, SEO Optimization,</li><li>MongoDB Aggregation, Redis Caching</li><li>Soft Skills: Cross-functional Collaboration, Agile Methodologies,</li><li>Clean Code, Problem Solving</li></ul></li></ul>	

### PROJECTS

<b>Stumount.in • Full-Stack Developer (Lead)</b>	Oct 2024 – Present
<p><b>Technologies:</b> Angular, RxJS, Bootstrap, ngx-universal, Node.js, Express.js, MongoDB, AWS</p> <ul style="list-style-type: none"><li>Developed a multi-portal platform for PhD thesis and journal plagiarism check &amp; page removal services.</li><li>Built separate portals for students, vendors, accounts, and admin with role-based access control.</li><li>Student Portal: Real-time page-by-page plagiarism check powered by Angular Universal (SSR) for SEO optimization.</li><li>Vendor Portal: Order management with acknowledgment, returns, and communication features.</li><li>Admin Portal: Order assignment, payment tracking, automated email &amp; notification system.</li><li>Accounts Portal: Vendor payments, order invoices, and financial tracking.</li><li>Implemented authentication guards, interceptors, and BehaviorSubject-based state management in Angular.</li></ul>	

**Technologies:** Node.js Next.js MongoDB , Digital Ocean

- Vidyapun – A unified educational discovery platform enabling students to explore and apply to schools, colleges, and universities across India.
- Designed and migrated platform to Next.js App Router for modular, optimized rendering.
- Built and deployed scalable API layer for institutions, courses, users, and reviews.
- Developed institution claim system for schools/colleges to manage their listings.
- Implemented MongoDB aggregation pipelines for search, filtering, and analytics.
- Optimized performance with Redis caching and Dockerized deployments.

**Open-Source Packages (npm)**

**Technologies:** TypeScript , Angular 17

- ckb-editor-angular – 🚀 Rich Text Editor for Angular (alternative to CKEditor, TinyMCE, Quill) with PDF/DOCX export, tables, emoji support, themes.
- ngx-word-viewer – Angular component for viewing Word documents (.docx) with page navigation & zoom.
- ngx-universal-file-viewer – Angular component for viewing PDF, Word, Excel, and PowerPoint files with continuous scroll & page-by-page view (Angular 12+ support).
- 📈 Achieved 500+ downloads across all packages within the first month of release.

**EDUCATION**

<b>B.Tech in Computer Science &amp; Engineering</b>	Aug 2018 – May 2022
Oriental College Of Technology • Bhopal , M.P. • GPA: 9.2/10	
<b>XIIth in Math &amp; Science</b>	Jun 2017 – May 2018
Maharishi Vidya Mandir • Bhopal , M.P. • GPA: 84.40%	
<b>Xth in Science</b>	Jun 2015 – May 2016
St. Paul Sr. Sec. Co-ed School , Bhopal • Bhopal , M.P. • GPA: 6.8/10	

**CERTIFICATIONS**

**Backend Domination**

**LANGUAGES**

English	Professional	Hindi	Professional	Oriya	Basic
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**INTERESTS**

Open-source contributions (published multiple npm packages with 500+ downloads) , Cycling & outdoor biking , Exploring new technologies and learning through AI tools like ChatGPT