

# AYUSH SANTOSH MISHRA

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## Education

<b>Ramrao Adik Institute of Technology</b> <ul style="list-style-type: none"><li>Branch IT   CGPA: <b>9.5 (current)</b></li></ul>	<b>2023 - 2027</b>
<b>Abhinav vidyalay college</b> <ul style="list-style-type: none"><li>SSC (Class XII), 79.67%:</li></ul>	<b>2021 - 2023</b>
<b>Omkar english medium school, India</b> <ul style="list-style-type: none"><li>CBSE (Class X), 79.2%</li></ul>	<b>2018 - 2021</b>

## Skills

Javascript | Typescript | Next.js | React | Nodejs / Express.js | PostgreSQL | MongoDB | Docker | Redux-toolkit | Websockets | Git / Github | EC2 | S3 | Tailwind CSS | Redis | C++

## Work Experience

<b>URBAN SABZI   Fullstack developer</b> <ul style="list-style-type: none"><li><b>Redesigned and scaled the core backend architecture</b>, enhancing performance and maintainability across services; developed responsive, user-friendly interfaces for both web and mobile platforms.</li><li><b>Implemented an intelligent order clustering algorithm</b> using geolocation data (Google Maps API) to group nearby orders within a defined radius, reducing delivery costs and optimizing vehicle dispatch.</li><li><b>Developed a coupon-based discount and engagement system</b>, improving user retention and directly contributing to increased customer satisfaction and repeat orders..</li><li>Next.js, React, Node.js, Express.js, TypeScript, ShadCN, AWS (S3), Google Maps API, AWS, S3, PostgreSQL (Prisma)</li></ul>	<b>Jun'25 - Sept'25</b>
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## Projects

<b>Notecraft</b> <a href="https://app.notecraft.tech">https://app.notecraft.tech</a>   <a href="https://github.com/Ayush4569/Notecraft">https://github.com/Ayush4569/Notecraft</a> <i>An Ai powered sleek and minimal document management application inspired by Notion. Designed for flexibility, speed, and organization — write, plan, and manage in one place.</i> <ul style="list-style-type: none"><li><b>Built a production-grade</b>, document management <b>platform</b> inspired by Notion, featuring real-time document sync (<b>React Query</b>), nested notes, markdown shortcuts, and contextual <b>AI</b> formatting using Groq (<b>OpenAI-compatible</b>) — with scalable architecture using <b>Node.js</b>, <b>PostgreSQL</b>, and <b>Redis</b>.</li><li><b>Implemented</b> secure and scalable infrastructure including <b>AWS S3</b> for <b>signed URL</b>-based uploads, <b>Nodejs clustering</b>, <b>Redis</b>-backed rate limiting and caching, and <b>Dockerized</b> backend with GitHub Actions-based <b>CI/CD</b> pipeline for auto-deployment to <b>AWS EC2</b> with <b>Nginx</b> reverse proxy.</li><li><b>Engineered</b> a complete subscription billing system using <b>Razorpay</b> with credit tracking logic (<code>isPro</code>, <code>aiCreditsLeft</code>, <code>freeTrialsLeft</code>), automated renewals via <b>cron</b> jobs, and usage enforcement at both frontend and backend levels — simulating a modern SaaS monetization model.</li></ul>	<b>Aug'25</b>
<b>Edunext</b> <a href="https://edunext-frontend.vercel.app">https://edunext-frontend.vercel.app</a>   <a href="https://github.com/Ayush4569/EduNext">https://github.com/Ayush4569/EduNext</a> <i>EduNext is a modern and dynamic Learning Management System (LMS) designed to empower educators and learners alike.</i> <ul style="list-style-type: none"><li><b>Designed and developed a full-stack Learning Management System (LMS)</b> enabling instructors to create, manage, and monetize courses with real-time chapter progress tracking, secure video hosting via <b>AWS S3</b>, and responsive UI using <b>React</b>, <b>ShadCN</b>, and <b>Tailwind CSS</b>.</li><li><b>Integrated payment processing and revenue analytics</b> using <b>Razorpay</b> and chart visualizations, allowing instructors to securely manage transactions and monitor course earnings through a dedicated dashboard.</li><li><b>Implemented advanced content management features</b>, including drag-and-drop chapter reordering, <b>TinyMCE</b>-based rich text editing, <b>s3 signed URL</b>-based media upload/delete, and mobile-first design optimized for cross-device usability.</li></ul>	<b>May'25</b>