



ROOPCHAND AGRAHARI

Master of Computer Applications
Motilal Nehru National Institute of Technology Allahabad,
Prayagraj

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EDUCATION

Motilal Nehru National Institute of Technology Allahabad	<i>Master of Computer Applications</i>	<i>2023-Present</i>
		CPI: 7.98
Swami Vivekanand Subharti University(Meerut)	<i>Bachelor of Computer Applications</i>	<i>2018- 2021</i>
		Percentage: 66.7
Swami Vivekanand Dhuswakala	<i>Intermediate (Science)</i>	<i>2016- 2018</i>
		Percentage: 69.6
Swami Vivekanand H.S.S. Dhuswakala	<i>High School (UP Board)</i>	<i>2011-2013</i>
		Percentage:76

PROJECTS

Codenest	<i>April 2025 - July 2025</i>
<i>Codenest is an edTech platform empowering learners with industry-ready skills.</i>	
* Tech Stack:	Built using Node.js, Express.js, MongoDB, React, Redux, Tailwind CSS, Cloudinary, Razorpay.
* Authentication & Authorization:	Implemented secure login/signup using JWT (JSON Web Token) based authentication with role-based access for Admin, Instructor, and Student. Includes password reset and email verification.
* Payments & Transactions:	Razorpay integration for secure course payments.
* Course System:	Instructors can create and manage courses with videos, pricing and category tags. Students can enroll in and access lectures securely.
ZeeCare	<i>Oct 2025 - Nov 2025</i>
<i>ZeeCare is a platform that connects patients with doctors easily and efficiently.</i>	
* Tech Stack:	Utilized React.js, Node.js, Express.js, and MongoDB to build a dynamic and scalable platform.
* Role-based System:	Implementing JWT-based authentication and role-based authorization for Admin, Doctor, and Patient users.
* Smart Appointment Management:	Designed a workflow where patients can book appointments based on disease type, with real-time status updates, and automated email notifications triggered via NodeMailer on approval or rejection.
* Admin Dashboard Functionality:	Built an intuitive admin panel to manage doctors, view patient messages, monitor appointments, and control platform access through RESTful APIs.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, JavaScript, HTML, CSS.
Developer Tools: Visual Studio Code, Git & GitHub
Frameworks & Libraries: React, Node.js, Express.js
Databases: MongoDB, SQL (MySQL).
Coursework: Object Oriented Programming(cpp), Operating System, Computer Networks, DBMS.
Areas of Interest: Data Structures and Algorithms, Competitive Programming, Web Development.

POSITIONS OF RESPONSIBILITY

- **Class Representative:** Served as a liaison between classmates, faculty, and administration. *2018 - 2019*

ACHIEVEMENTS

- **AIR 128 in NIMCET:** Common Entrance Test for MCA in NITs. *June 2023*

CODING PROFILES

LeetCode: RoopChand_108