

HARSH JHA

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[Linkedin](#) | [GitHub](#) | [Portfolio](#) | [LeetCode](#)

EDUCATION

Dr. A. P. J. Abdul Kalam Technical University
Bachelor of Technology in Computer Science & Engineering
Air Force School
All India Senior School Certificate Examination

Lucknow, India
2021 - 2025
Kanpur, India
2019 - 2020

EXPERIENCE

Full Stack Developer Intern, Mavyax Tech Private Limited

September 2024 - December 2024

- Designed and developed backend applications using Node.js and Express.js, supporting 5+ client projects.
- Refactored and debugged legacy codebases, implementing 8+ new features and resolving critical stability issues, boosting uptime reliability.
- Architected and maintained relational databases with Prisma ORM, optimizing schema design for 50,000+ records and reducing query execution time by 30%

PROJECTS

TIL-CLI Tool(Node.js, Yargs, Inquirer) | Link

September 2025

- Developed an interactive Command-Line Interface (CLI) with Node.js, Yargs, and Inquirer to efficiently capture, edit, and confirm personal learning notes through a guided prompt system.
- Architected a data persistence and presentation pipeline that saves entries to a local JSON file and automatically generates a static HTML portfolio page from the saved content.

Godly | Link

January 2025 - April 2025

- Developed a full-featured interpreter in C++ for the Lox language with lexical analysis, parsing, and runtime evaluation; enabled scripting with control flow and object-oriented constructs.
- Implemented key language features such as scoped variables, loops, functions, and object-oriented class structures with inheritance, allowing execution of complex Lox scripts.
- Optimized interpreter performance by refining tree-walk evaluation and memory management, improving execution speed by 20% over baseline benchmarks.

AnyWhere Notes | Link

July 2024 - September 2024

- Built a modular backend using Node.js and TypeScript for a note management system, improving maintainability and supporting horizontal scalability.
- Designed RESTful APIs for note creation and management by integrating PostgreSQL with Prisma ORM, ensuring ACID compliance and reducing average query latency by 30%.
- Implemented JWT-based authentication for secure user sessions, preventing unauthorized access.
- Developed a fine-grained RBAC system supporting admin, editor, and viewer roles, enforcing least-privilege access across API endpoints.

SKILLS

Languages:	C++, JavaScript, TypeScript, HTML, CSS
Tools / Platforms:	AWS, Makefiles, Git, Node.js, Linux
Databases:	PostgreSQL, MySQL, NoSQL, MongoDB
Computer Science Fundamentals:	Design and Analysis of Algorithms, Data Structures, Operating Systems, Database Management Systems

ACHIEVEMENTS

TCS CodeVita Season 11

February 2024

- Achieved Global Rank 285** in Round 2 (Top 0.06% of 444,000+ participants), demonstrating advanced problem-solving skills in algorithmic and data structure challenges under time constraints

College Hackathon Winner

November 2022

- Secured **1st place** and **Rs 15,000** cash prize in a problem-solving competition among 900+ participants, showcasing expertise in rapid algorithm design and efficient code implementation under time constraints

CODING PROFILES

CodeForces	<i>username: imtheonly1</i>
<ul style="list-style-type: none">Achieved the Specialist Rank with a maximum rating of 1437, consistently ranking among contest performers.Tester for Codeforces Round 1006, contributing to problem validation and quality assurance, ensuring the integrity and challenge of the competition	
CodeChef	<i>usernmae: imtheonly1</i>
<ul style="list-style-type: none">3-Star Coder with a peak rating of 1728, showcasing enduring competitiveness by participating in 60+ contests and solving 300+ problems over 4 years.	

CERTIFICATIONS

- The Hard Parts of Asynchronous JavaScript - **Frontend Masters**
- JavaScript: The Hard Parts, v2 - **Frontend Masters**
- Deep JavaScript Foundations, v3 - **Frontend Masters**

POSITION OF RESPONSIBILITY

President AlgoClub	2023 - 2024
<ul style="list-style-type: none">Spearheaded the planning and execution of multiple hackathons and workshops as President of the AlgoClub, engaging 200+ participants and fostering technical innovation through hands-on coding challenges and collaborative problem-solving sessions	