Harsha Vardhan

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EDUCATION

- **IIITDM Kancheepuram** — Chennai, India
  B.Tech - Electronics and Communication Engineering; GPA: 7.65 — *July 2019 - June 2023*

SKILLS SUMMARY

- **Languages**: JavaScript, SQL, Python
- **Technologies**: Reactjs, Node.js, Express.js, Tailwind CSS
- **Tools**: AWS DynamoDB, Lambda, JWT, Jenkins, Postman, Git

EXPERIENCE

- **Transformative Learning Solutions** — Gurgaon
  Software Engineer — *Oct 2023 - Present*
  - **Page Builder**:
    * Implemented Add, Edit, and Copy Page API's with Express and AWS DynamoDB
    * Developed functionality for adding, updating, and deleting components on the canvas
    * Page builder is a replacement for pagefly which decreased the speed index by 30%
  - **Inventrack**:
    * Implemented APIs for QR code generation and integration with a browser print software to send QR codes to a connected printer.
    * Developed an API to update the QR number for the corresponding batch after successful printing.
    * Warehouse efficiency in the US and India has improved with QR-based scanning, replacing Excel for order processing and stock management.

- **Nokia Solutions and Networks** — Chennai
  Student Trainee (Internship) — *AUG 2022 - May 2023*
  - **Automation Scripting**:
    * Designed and developed a user-friendly tool utilizing Selenium, PyAutoGUI, and custom libraries.
    * The tool generates a comprehensive word document containing test case results upon execution.

PROJECTS

- **Gym Membership Management System**:
  - Developed a full-stack gym management system for handling user subscriptions and authentication.
  - Implemented authentication and login system using JWT for customer and Admin
  - Designed a scalable AWS DynamoDB database for users and subscriptions.
  - Built an admin dashboard to manage customer subscriptions.
  - Optimized API performance with Express.js middleware and AWS Lambda

- **Promptopia**:
  - Created Promptopia, an open-source AI prompting tool using Next.js and Tailwind CSS, allowing users to create, edit, and delete prompts.
  - Integrated sign-in functionality using Google Auth Client Provider.
    https://promtopia-smoky.vercel.app/