

# Harsha Vardhan

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## EDUCATION

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

## SKILLS SUMMARY

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- **Languages:** JavaScript, SQL, Python
- **Technologies:** AWS (DynamoDB, Lambda, S3), PostgreSQL, MongoDB, JWT, Jenkins, Git, Postman REST APIs, Web Technologies Linux, CI/CD
- **Tools:** React.js, Redux, Node.js, Express.js, Tailwind CSS, Webpack

## EXPERIENCE

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- **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
    - \* Integrated React and Redux for state management, improving user experience.
    - \* 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

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- **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://promptopia-smoky.vercel.app/>