Navdeep Maheshwari

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EDUCATION

Indian Institute Of Information Technology Surat	**9.27 CGPA**
B.Tech in Electronics & Communication	*Dec. 2020 – July 2024*
Sangam School of Excellence, Bhilwara	**84%**
Senior Secondary Examination CBSE - Class XII	*June 2018 – June 2019*
Vivekanand Senior Secondary, Barisadri	**92.17%**
Secondary Examination RBSE - Class X	*June 2016 – May 2017*

EXPERIENCE

Software Development Engineer Intern   Feb 2024 – Present
Amazon Developement Center India Pvt Ltd   *Bangalore, KA*

- Led the migration of existing AWS Lambda functions to AWS Fargate, achieving a **70% cost reduction and a 50% decrease in latency**, significantly enhancing overall performance. Also Setup the new **metrics dashboard** for better monitoring.
- Conducted rigorous **load testing** to optimize and configure autoscaling policies for Fargate, ensuring seamless scalability.
- Delivered full **E2E implementation with feature flag** integration, facilitating efficient feature rollout & management.
- Managed communication with stakeholders (SDM, PM, Sr. SDEs, and On-Ground Ops) to gather requirements and formalize the intake process.

FrontEnd Developer Intern   Nov 2023 – Dec 2023
Organic Ledger   *Remote*

- Developed backend API's for the admin panel using **Node.js** and **SQL**.
- Created an intuitive admin panel for manual management and operations using **MERN Stack**.
- Enhanced frontend efficiency using Next.js, and utilized Node.js and Express.js for backend functionality, in conjunction with MongoDB for data management.
- Technology/Tools used: Reactjs, SQL, Redux, Tailwind CSS, Nodejs, Expressjs, Bit Bucket.

PROJECTS

BlogSpace 🔗 🐙 | *Vite.js, MongoDB, Firebase-Auth, JWT, Node.js, Tailwind CSS*
- Developed BlogSpace with a focus on fostering meaningful connections between creators and consumers of content, integrating features akin to Medium's collaborative writing and commenting system, nurturing an interactive and supportive ecosystem.
- Dynamic blogging platform reminiscent of Medium, which garnered over 100+ registered users, with an impressive 80 % user satisfaction rate based on feedback surveys.
- Key Features - User-friendly Writing Interface, Customizable Publishing Options. Light & Dark theme.

DigitalMandi 🔗 🐙 | *React.js, Node.js, MongoDB, Bootstrap*
- Implement an online platform where Farmer can **sell their crops directly to Merchant**.
- Different **Merchant's can Bid** on Farmer's crop.Farmer can sell the crop to **Merchant with Highest Bid.**
- Key Features - Farmer & Merchant Login with Dashboards, Chat & Deal.

MovieMania 🔗 🐙 | *React.js, Node.js, MongoDB, Tailwind CSS, Firebase*
- Designed and Developed an movie app where user can search any **Movie, Series and TV Shows.**
- Implemented a dedicated **recommendation page** where users can find recommendations for their entered movies.
- Key Features - Responsive Design, Search with Movie Details with similar Recommendation, Add to favourite.

TECHNICAL SKILLS

Languages : C, C++, JavaScript, TypeScript,
Web Technologies or Frameworks : React.js, Next.js, Node.js, Express.js, MongoDB, Tailwind CSS, Bootstrap
CS Fundamentals : Data Structures and Algorithms, Object Oriented Programming, Operating System
Famliar With : Kotlin, Python, Linux, AWS, Git, Docker, Firebase

ACHIEVEMENTS

- **Winner of ACM Month of Code (AMOC) Hackathon** organised by NIT Surat.
- Secured under 40 ranking in **CodeRush** Coding Challenge hosted in IIIT Surat.
- Practiced 700+ Data Structures and Algorithms, SQL Problems on **Leetcode** ↗ .
- Member of Google Developer's Student Club **(GDSC) , IIIT Surat.**