

SUDEEP H M

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EDUCATION

Nitte Meenakshi Institute of Technology, Bengaluru 2021 – 2025
B.E. - Computer Science and Engineering - 8.00

PACE UMPU College, Shimoga 2019 – 2021
Class XII , PCMB — 95.16%

Stella Maris High School, Honnali 2016 – 2019
Class X — 92%

COURSEWORK / SKILLS

- Cloud Computing
- Linux
- OOPS
- Machine learning
- Computer Networks
- Virtualization
- DBMS
- SDLC

PROJECTS

Serverless Web Application | AWS 2024

- Developed a serverless web app using AWS services: S3, Lambda, DynamoDB, API Gateway, and CloudFront.
- Set up a static website on S3 with backend processing via Lambda functions.
- Implemented CloudFront for enhanced security, enforcing HTTPS for secure communication.
- Utilized DynamoDB for data storage and managed API endpoints with API Gateway.

E-Commerce Platform | ASP.NET 2025

- Built a full-stack E-commerce platform for online product browsing and cart management.
- Designed with decoupled **ASP.NET Core MVC** frontend and **Web API** backend via RESTful communication.
- Implemented core modules: Product Listings, User Authentication/Profile, and dynamic Shopping Cart.
- Leveraged **SQL Server/EF Core**, **BCrypt** for security, and **AJAX** for responsive UI updates.

Car Price Prediction | Machine learning 2023

- Built a model to predict car prices using features like make, model, year, and mileage.
- Enhanced model accuracy and reliability through evaluation and optimization.
- Presented the project and its impact on pricing strategies to stakeholders.

EXPERIENCE

Cognizant Technology Solutions March 2025 – Present
Software Developer Chennai, India

- Developed a full-stack E-commerce platform, implementing core modules for Product Listings, User Authentication, and Shopping Cart Management. Utilized ASP.NET Core (MVC & Web API), SQL Server/EF Core for data persistence, BCrypt for security, gaining practical experience in building decoupled and secure web applications.

Solutions Architecture Job Simulation - AWS Oct - 2024
Cloud Computing

- Designed a simple and scalable hosting architecture using Elastic Beanstalk for a client experiencing significant growth and slow response times.
- Described the proposed architecture in plain language, ensuring the client understood its functionality and the cost calculations involved.

TECHNICAL SKILLS

Languages: C, C++, C#, Python, SQL
Developer Tools: VS Code, Jupyter notebook
Technologies/Frameworks: DevOps, Linux, Git, GitHub, AWS, MongoDB
Certifications: AWS Academy Cloud Foundations

BEHAVIOURAL SKILLS/ EXTRACURRICULAR

- **Languages Spoken:** English, Kannada, German
- **Achievements:** 1st Runner-up at Cloud Cascade (technical event)
- I trade in cryptocurrency and invest in various financial assets, such as the stock market. I have also volunteered at various fest events, leading a team. In my free time, I enjoy playing cricket, carrom, and chess.