

OM PATIL

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EDUCATION

B.M.S College Of Engineering

B.E in Information Science, CGPA: 9.5/10

Bangalore, India

2021-2025

Nehru Smaraka Vidhyalaya

12th Boards, Aggregate: 87.5

Bangalore, India

2019-2021

EXPERIENCE

Student Intern

Siemens Technology

Jan. 2024 - Present

Bangalore, India

- Configured and scaled runners to handle increased incoming requests, enhancing the efficiency and scalability of code testing, and facilitated the concurrent execution of jobs, optimizing workflow performance.

SDE Intern

Tejas Technological Consultancy

Aug. 2023 - Dec. 2023

Bangalore, India

- Developed a College ERP portal utilized by over **2000** students for course registration.
- Directed the implementation and configuration of an **OLAP database** to measure user-generated requests, and engineered an **uptime monitor** to ensure continuous website availability.

Freelancer

Multiple Organizations

Remote

- Developed a dynamic hackathon website for BMSCE IEEE CS using React, resulting in over **3000** visitors. *ieeecsw.in*
- Designed a compelling website for the 7th International Conference at the Indian Institute of Industrial Engineering (IIIE) using React, drawing **2000+** visitors from **10+** countries. *IIIE-Conference-Website*

PROJECTS

FaceAuth | [Project Link](#)

- Created and engineered a facial authentication portal using React for the front end and Node.js for the back end, leveraging expertise in web development and API integration.
- Deployed a user enrollment and authentication system utilizing facial recognition technology, ensuring secure and seamless user access.
- Integrated the Gmail API to dispatch confirmation emails upon successful authentication, and utilized the Google Sheets API to log user data for admin review. Secured user data in MongoDB, ensuring data integrity and scalability.

S3-Image-Upload npm package | [Package Link](#)

- Streamlined image uploads to Amazon S3 with npm package, reducing development time and complexity.
- Achieved over **100** downloads within the initial 48 hours of release, indicating swift adoption and relevance.

TECHNICAL SKILLS

Languages: C, C++, JavaScript, Python.

Frameworks: React.js, Node.js, Express.js.

Developer Tools: Git, Docker, AWS, Azure, Jenkins, Kubernetes.

Databases: MongoDB, MySQL, PostgreSQL, Clickhouse, S3, Firebase & Firestore.

ACHIEVEMENTS

- As the Treasurer of BMSCE IEEE CS, acquired over Rs.**2,50,000** in funding, achieving a **300%** profit increase.
- Co-Founder of IEEE CS Wings, mentored a community of **400+** students in web development and competitive coding.
- Co-authored a published article on Quantum Entanglement. [Article Link](#)