Subham Mahapatra

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[LinkedIn](#) • [Github](#) • [Codeforces](#) • [Personal Portfolio](#)

PROFESSIONAL SUMMARY

Full Stack Developer skilled in React.js, Next.js, Node.js, Express.js, MongoDB, SQL, and Python, with experience in UI/UX design, cloud integration, and API development. Proficient in building scalable web and mobile applications, implementing AI-powered solutions and automation workflows, and delivering high-quality, user-focused digital products. Strong problem-solver with expertise in agile development and cross-functional collaboration.

EDUCATION

Bachelor of Technology (Artificial intelligence) — 2023 - 2027
Newton School of Technology, Rishihood University — Grade: 8.0/10.0

Intermediate (Class XII) — 2022 - 2023
Sri Sathya Sai Higher Secondary School — Grade: 87.0%

EXPERIENCE

Full Stack Developer — January 2025 - Present
Wonder Creative Studios — *Bengaluru, Karnataka*

- At Wonder Creative Studio, I led end-to-end digital projects — from **UI/UX design and branding** to **web and app development** — helping clients achieve up to **4× growth and Faster Delivery**.
- Building high-converting websites and scalable web apps using **Next.js, React.js, Node.js, and React Native**.
- Integrating **AI-driven solutions** such as automated blog generation, SEO optimization, and marketing automation.
- Designing bold, user-centric digital experiences with **Figma, Tailwind CSS, and Shadcn**.
- Setting up cloud-based infrastructure and **admin dashboards** to give clients full control over their platforms.
- Implementing **business automation workflows** to streamline operations, reduce manual effort, and boost efficiency.

INTERNSHIPS

Research Development Software Developer — June 2024 - August 2024
IIT Kharagpur — *Online*

- Implemented algorithms for interpreting **electromyography (EMG)** signals, allowing the exoskeleton to respond instantly to user muscle activity for improved control and responsiveness. Designed an intuitive **graphical user interface (GUI)** that enables users and therapists to monitor muscle signals.
- Feature: Save patience data, helps the patient to interact with the Ml models, pushing the data to cloud
- Tech stack: **Python, customtkinter, boto3, OS, CSV, pickle**

PROJECTS

ESrentacar ([Demo](#)) — January 2024

- **Description:** Build a sleek, car rental platform that delivers **50% faster bookings** and boosts customer retention with seamless UX and smart automation.
- **Feature(s):** Cars Availability, Easy Online Booking, Airport Delivery and Pickup, AI-driven Pricing and SEO, Full Admin Dashboard to manage cars and users.
- **Tech stack:** Next.js, Node.js, MongoDB, Tailwind CSS, JWT Auth.

Wonder Creative Studios ([Demo](#)) — January 2024

- **Description:** Build bold, conversion-driven digital experiences with cutting-edge design, smart tech, and AI-powered marketing — driving up to **4× growth in client traffic**.
- **Feature(s):** Automated Blog Generator, AI-driven SEO Adjustments, Full Admin Dashboard for Website Control, Web App Development, Branding, Automation
- **Tech stack:** Next.js , Vercel, Google API, Gemini AI, MongoDB, Tailwind CSS, Shadcn, Cloudinary, JWT Auth

CERTIFICATIONS

Python programming GUVI Geek Networks, IITM Research Park, Google — April 2022

- Acquired a strong foundation in **Python programming**, including core concepts, advanced topics, and hands-on projects.
- Experienced in **Python syntax, data structures, OOP, web development (Django), and data science (NumPy, Pandas)**.

Junior MBA IIT E-Cell — October 2021

- **CEO** Course (Junior CEO), **CMO** Course (Junior CMO), **CTO** Course (Junior CTO)
- Incorporated global skills: Applied learnings from **case studies** on companies like Big Basket, Amazon, and Spotify.
- **Led one project per course**, applying skills in product development, marketing, and technology enhancement.

AI Appreciate and AI Aware Intel Corporation — August 2021

- Explores ethical **AI development**, bias mitigation, and societal impacts.
- Proficiency in fundamental **AI concepts, including machine learning, neural networks, and ethical considerations.**

SKILLS

Computer Languages: SQL, JavaScript, CSS, HTML, TypeScript, Python
Data Tools: NumPy
Software Packages: MongoDB, MySQL, Express JS, Node.js, Redux, React, Tailwind, Figma, Pandas
Additional Courses: Data Structure
Soft Skills: Communication Skills, Critical Thinking
Others: SEO/SEM marketing, Generative AI

EXTRA-CURRICULAR ACTIVITIES

- Best Team in Haryana at **IEEE Contest**; **Top 13%** in India, **Top 19%** globally.
- **Top 1100 teams in ICPC** India Preliminary 2023.
- **Gold medal in IMO** (6th and 7th grade).
- 3rd place in state-level Karate championship (2015-2018).
- Educational trip to Singapore; met CXOs, explored startup ideas, and visited NUS, NTU, and SUTD.
- Coordinator of Music and E-cell Club; moderator of Coding Club.
- Executive member at Mother Teresa Seva Pratishthan, working on rural development.
- Volunteered at NGOs like Bachpan Bachao Andolan, PETA, and Ekta Parishad.
- Visited IIT Kharagpur, IIT Delhi, and NIT Rourkela for workshops and research exploration.