

# AMBAR MISHRA

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Portfolio: <https://ambarmishra.vercel.app/> GitHub: <https://github.com/ambarmishraa>

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## EDUCATION

**TECHNISCHE UNIVERSITÄT DARMSTADT** | M.Sc. Computer Science | Darmstadt, Germany Oct 2025 – Present

- **Specialization:** Data Science and Engineering

**Dr. A.P.J. Abdul Kalam Technical University** | B.Tech Computer Science | Lucknow, India 2020 – 2024

- **CGPA:** 7.93/10

## EXPERIENCE

**KEYIDEAS INFOTECH PRIVATE LIMITED** | Software Developer Trainee | Gurugram, India Aug 2024 – Jan 2025

- Led end-to-end development of a custom WordPress plugin and CMS for a jewellery e-commerce platform: implemented frontend/backend features from Figma designs using PHP, WordPress, and MySQL, including dynamic admin panels, improving operational efficiency by 40% and content update speed by 30%.
- Engineered real-time product publishing, database management, and SEO across multiple projects: added upload/manage controls for products (reducing deployment errors by 35%), enhanced SEO and website performance (boosting visibility by 25%), and extended frontend skills with Next.js to improve scalability and load speed by 20%.

**PRAYAGRAJ MUNICIPAL CORPORATION** | IT Engineer | Prayagraj, India Jun 2023 – Aug 2023

- Developed a Flutter app for social impact: built architecture, frontend prototypes, and integrated Firebase for authentication, database, and real-time updates; improved development efficiency by 35% and reliability by 30%.
- Led app branding and UI/UX design: created logo and assets with Figma and Canva (boosting adoption by 25%) and contributed to a carbon credit project, supporting environmental awareness by 20%.

## PROJECTS – See More on Portfolio

**Personal Portfolio Platform** | Full-Stack Project | Darmstadt, Germany Feb 2026 – Present

- Built a dynamic portfolio from Figma designs using **Next.js**, **Tailwind CSS**, and **Supabase**, with backend APIs to handle projects, blog posts, and contact form submissions, all tracked and versioned on **GitHub**.
- Containerized the application with **Docker** and deployed on **Vercel**, optimizing performance, responsive design, and production readiness while gaining hands-on full-stack and DevOps experience.

**Aqua Learner** | Educational Mobile App | View Feb 2026 – Present

- Led a team of three to design and host a high-fidelity mobile app prototype on Figma, with full user flows and interactive components, for the NASA International Space Apps Challenge 2024 hackathon.
- Used NASA content to create AI-powered quizzes and storytelling modules simplifying climate change concepts for school students, increasing engagement by 35%. Piloted at schools; awarded People's Choice and Global Nominee.

## TECHNICAL SKILLS

**Data Science / Analytics:** Python, R, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, SQL, PostgreSQL, MongoDB – **Frontend / Visualization:** React, Next.js, React Native, Figma, Tableau – **Backend / DevOps:** PHP, Node.js, Express.js, Docker, Git, Postman – **Collaboration:** Jira, Slack, Notion

## ACHIEVEMENTS – Full Details on Portfolio

2x NASA Space Apps Challenge – People's Choice Award & Global Nominee | Contributor, Google Summer of Code (GSoC) | Top-5 UNESCO India-Africa Hackathon 2022 | Winner, Smart India Hackathon 2022 | Winner, PRIMATHON Hackathon 2023 | Winner of State, Zonal, District, College-level Hackathons and Science Exhibition

## CERTIFICATIONS AND LANGUAGES

**Certifications:** Google Data Analytics Professional Certificate | Data Cleaning, SQL, Tableau, R, Data Visualization  
**Languages:** English – CEFR B2 (IELTS Academic) | German – CEFR A1 (UNICert®)