Himel Das

 Bamberg, Germany | himelswe@gmail.com | LinkedIn | GitHub | </> LeetCode | </> HackerRank | Blue Card

SKILLS

- **Python**, **Django**, Django REST framework, FastAPI, NumPy, Redis, **SQL**, **PostgreSQL**, MySQL, MongoDB
- **TypeScript**, JavaScript, **React**, Next.js, Vue.js, Node.js, Nest.js, ESLint, Prettier, Postman, REST APIs, **PyTest**
- **Docker**, Terraform, **AWS** (**EC2**, **S3**, **Elastic Beanstalk**, Lambda, RDS, IAM), **CI/CD**, Bash, Linux, Git, Agile

EXPERIENCE

Kpler Germany GmbH — Rostock, Germany
Engineer II — *Aug 2025 – Present, Full-time*
- Engineered scalable REST APIs with **Python**, FastAPI, and Pydantic, ensuring 85% **test** coverage.
- Developed a data-intensive responsive UI with **TypeScript** and Vue.js, reducing load time by 20%.
- Designed and optimized database schemas and queries for efficient data storage and retrieval.
- Streamlined **CI/CD** workflows by reorganizing the monorepo, boosting deployment frequency by 40%.

MBition GmbH (Mercedes-Benz AG) — Berlin, Germany
Associate Software Engineer — *Dec 2021 – Jul 2025, Full-time*
- Architected and built full-stack apps, REST APIs with **Python**, **Django**, **PostgreSQL**, and **AWS**.
- Developed responsive UIs with **TypeScript** and Vue.js, improving user engagement by 25%.
- Enhanced data processing performance 12x using efficient algorithms on large-scale time series data.
- Analyzed 20K monthly active users to optimize allocation, reducing license costs by 4.61%.
- Managed 4 microservices using Serverless on **AWS**, ensuring 99.99% uptime.

Dolby Germany GmbH — Nuremberg, Germany
Software Engineer in Test — *Jun 2021 – Nov 2021, Werkstudent*
- Renovated 10+ **Python** packages to meet Dolby External Release Guidelines.
- Wrote unit tests with 95% **test** coverage in a **Python** environment.
- Implemented **test** automation for **CI/CD** pipelines to improve release reliability.

Continental Engineering Services GmbH — Nuremberg, Germany
Software Developer — *Jan 2021 – May 2021, Werkstudent*
- Developed **Python** scripts for SHA-256 checksums, enhancing file integrity verification.
- Engineered **Python** middleware for Header and Binary Application Data manipulation.
- Configured drivers for FreeRTOS hardware components, optimizing performance.

EDUCATION

Visvesvaraya Technological University — Bengaluru, India
B.Eng. in Computer Science and Engineering; **First Class** — *Aug 2014 – Jul 2018*

PROJECTS

WowGerman: Learn German Fast (Nov 2025) | *Live* | ***Python, Django****, Redis,* ***PostgreSQL****,* ***TypeScript****, Next.js.*
- German learning platform with 2K users: flashcards with audio, 1,099+ A1 vocabulary, grammar, quizzes.

Access Matrix in MB.OS Portal (Mar 2025) | ***Python, Django, TypeScript****, Vue.js, Tailwind CSS.*
- Visualizes relationships between companies, projects, and areas in Software Factory with dynamic filters.

German Vocabulary (Oct 2024) | *GitHub* | *Live* | ***Python, Django, TypeScript, React****, Redux,* ***PostgreSQL****.*
- GenAI-powered German vocabulary app with in-server translations and text-to-speech (TTS) APIs.

LLM Powered Translator (Jun 2024) | *GitHub* | ***Python****, Pydantic, FastAPI, GitHub Actions.*
- Translator API for 200 languages using the NLLB LLM by Facebook.

AWARDS & ACHIEVEMENTS

Second Position: SET ART Hackathon (Teamwork) – MBition GmbH, Berlin, Germany. (09 Oct 2023)

Third Position: Idea Presentation CSI Technical Symposium – AIT, Bengaluru, India. (25 Apr 2018)

Third Position: Android App Development – Bengaluru Region, Robotryst'15 by IIT, Delhi, India. (18 Sep 2014)