ALLEN BENNY

Full Stack Developer | Karlsruher Institut für Technologie (MSc. Informatik)

+49 155 1090 5298 ▪ theallenbenny@gmail.com ▪ Karlsruhe, Germany ▪ linkedin.com/in/allen-benny ▪ allenbenny.me

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPMENT ENGINEER (Full Stack Developer)   *January 2022 – April 2025*
Newfold Digital, India

At Newfold Digital, I was a core developer responsible for the New Customer Onboarding Software Project.

- Built a state-of-the-art, open-source Modern Onboarding system for new customers using PHP and React, integrated with OpenAI APIs, reducing onboarding time by 30% and serving 1000+ users daily.
- Created an AI-driven onboarding experience that enabled customers to generate complex, custom-tailored websites from basic prompts.
- Developed task systems & cron jobs for automated plugin installation, optimising performance & reliability in backend as well as frontend.
- Optimised code for efficiency and prevented major incidents by identifying bugs through code reviews and regular code cleanup.
- Applied advanced React features (e.g., Memo, caching) to deliver responsive, seamless onboarding workflows as a Frontend Developer.
- Applied advanced coding practices and used HashMaps and caches to ensure smooth backend functionality of the product.
- One of the top contributors to the team's codebase. I also gave regular presentations and demos to senior management, highlighting the main features of the product.

LEAD DEVELOPER INTERN   *December 2020 – January 2021*
TecideXa Services, India

- Designed, developed, and tested client-facing apps using Flutter, ensuring high-quality delivery.

APP DEVELOPER - FREELANCE   *August 2020 – November 2020*
Gilitz, India
- Translated designs into production-ready apps, followed by rigorous testing & deployment.

EDUCATION

MASTER OF SCIENCE, COMPUTER SCIENCE (MSc. INFORMATIK)   *Expected graduation: May 2027*
Karlsruher Institut für Technologie, Karlsruhe, Germany

- Specialisation in Human-Computer Interaction and Data

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE   *Graduated: August 2022*
BMS Institute of Technology and Management, Bengaluru, India

- GRADE: 8.94 (German GPA: 1.6)
- Published a research paper in IJITEE in February 2020 on a Smart Farming IoT-based system.

SCHOOL

GENERAL HIGHER EDUCATION   *Graduated: August 2018*
St. Michael's Sr. Sec School, New Delhi, India

- GRADE: 87% (German GPA: 1.58)
- Part of the School Cabinet as the Discipline Head of the entire school with 3000+ students.

ACHIEVEMENTS & VOLUNTEER EXPERIENCE

Edward De Bono Award for Creativity & Innovation   December 2023
Newfold Digital, Mumbai, India

Android Programming National FDP
Conducted a national-level Android programming workshop.

Machine Learning Open Course
Conducted a Machine Learning Open Course for beginners.

CERTIFICATIONS

1. **Android App Development Specialisation Course -** Vanderbilt University, US (2020)

2. **C++ For C Programmers -** University of California, US (2020)

3. **Build Your First Android App (Project-Centred Course) -** CentraleSupélec (2020)

4. **Advanced PHP -** LinkedIn Learning

5. **Neural Networks and Deep Learning –** deeplearning.ai

6. **Structuring Machine Learning Projects –** deeplearning.ai

PROJECTS

Smart Farming IoT | IJITEE Research Paper | February 2020

Automating Mouse Movements | ResearchGate Paper | October 2020

CORONAI | HackAIthon | November 2020

Flutter Loading Kit | Pub.dev | May 2021

LANGUAGES

English - Fluent (IELTS C1)

German - Intermediate (A2 in progress)

TECH SKILLS

Languages: JavaScript, TypeScript, Python, SQL, PHP, Java, C, C++, Dart

Frameworks: React, Node.js, Express, Django, Flask, Flutter, REST APIs

Cloud & Deployment: Cloudflare, CDN, Caching

Design & Productivity: Figma, JIRA, Confluence, Agile, Scrum, Microsoft Office

DevOps & Tools: Git, GitHub, GitHub Actions, CI/CD, Docker, Linux, Postman, NPM, Yarn

MORE INFORMATION

Portfolio: https://allenbenny.me/

Contributors Page: https://github.com/newfold-labs/wp-module-onboarding/graphs/contributors