

SAMIR ABIS

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PROFILE

Software Engineer with a proven track record in developing customer-facing portals and AI-driven tools. Expert in end-to-end product development, scalable architectures, and integrating advanced language models. Adept at leading cross-functional teams and delivering impactful enterprise solutions.

EXPERIENCE

Everest Systems

Software Engineer, Lead Developer

Heidelberg, BW

Feb 2024 - Present

- Led end-to-end development and deployment of a customer support portal, including requirements gathering, architecture, and integration with internal/external systems.
- Acted as Lead Developer, coordinating cross-functional teams and stakeholders to deliver new features and ensure seamless system integration.
- Engineered deep GitHub API integration and automated support workflows, enhancing developer collaboration.
- Integrated AI-powered copilot (Continue.dev) and collaborated with AI team to deploy advanced language models and automation.
- Designed and implemented automated reconciliation tools and co-developed "Lotse," an in-house DSL for metadata management (with VS Code LSP integration).
- Established comprehensive testing frameworks and CI/CD pipelines to maintain high code quality and reliability.

fleetster

Product Expert

Munich, BY

Jan 2022 - Sep 2023

- Spearheaded product strategy initiatives alongside executive leadership, significantly improving customer satisfaction metrics by translating user needs into technical requirements.
- Established comprehensive testing protocols (Python, SQL) for a platform serving over 120,000 users, streamlining QA processes and improving release quality.
- Developed data-driven inventory optimization strategies using analytics, substantially reducing stockout incidents.

Insight Technology Solutions GmbH

Data Center Engineer

Remote

Mar 2021 - Dec 2021

- Maintained critical data center operations with exceptional uptime through proactive monitoring and rapid incident response.
- Implemented automated network monitoring solutions (Python, Bash) to enhance issue detection and resolution capabilities.
- Orchestrated hardware maintenance and upgrades across multiple client environments while ensuring minimal service disruption.

Amazon Deutschland GmbH

Operations Analyst Engineer

Mannheim, BW

Jan 2020 - Feb 2021

- Managed daily operations for the drivers fleet handling over 600,000 packages during peak period, significantly improving delivery times.
- Engineered resource allocation algorithm (Python) that improved system test efficiency and enhanced risk area coverage.
- Developed AWS-based notification system to minimize system downtime and accelerate incident response.

CERTIFICATIONS

Responsive Web Design, JavaScript Algorithms and Data Structures *freeCodeCamp*

Proficient in HTML, CSS3, JavaScript (ES6), Data Structures, and Algorithm Scripting.

SKILLS

| | |
|-----------------|--|
| Languages: | Python, TypeScript, JavaScript, C, Assembly |
| Frontend: | React, HTML5, CSS3, TailwindCSS, Gatsby, Next.js |
| Backend: | Node.js, Express, REST APIs, GraphQL |
| Cloud & DevOps: | AWS, GCP, Azure, Docker, Kubernetes, CI/CD, Serverless |
| AI/ML: | TensorFlow, PyTorch, Language Models, Neural Networks |
| Databases: | MySQL, PostgreSQL, MongoDB, Redis, Supabase, Firebase |
| Tools: | Git, JIRA, Confluence, Visual Studio Code |
| Methodologies: | Agile/Scrum, TDD, DDD, Microservices Architecture |

PROJECTS

CookieComply (SaaS) *Next.js, React, TailwindCSS, Gemini Pro, Chrome Ext API*

Solo-developed an AI-powered suite (Web App & Chrome Extension) for website cookie analysis and GDPR/ePrivacy/TTDSG compliance. Scans sites, uses AI (Gemini Pro 2.5) to analyze cookies, generates compliance reports with actionable insights and suggested consent text. Features AI Q&A on results and tiered monetization.

AI-Enhanced COBOL Development Extension *TypeScript, VS Code API*

Developed VS Code extension featuring AI-powered code analysis, intelligent debugging capabilities, and automated refactoring suggestions for COBOL programs. Implemented real-time syntax validation and context-aware code completion.

Automated Cloud Storage Integration *Python, Google Cloud API*

Built secure clipboard monitoring system with automated Google Drive integration, featuring encryption, custom metadata tagging, and configurable upload rules. Implemented retry mechanisms and conflict resolution.

LANGUAGES

Italian: *Native*
English: *Professional*
German: *Fluent*

OTHER

Driving License: B1
Volunteer for First Aid in 2016

EDUCATION

Torino University Torino, IT
Computer Science Sep 2014 - Jun 2015
Focused on Algorithm Design, Data Structures, and Software Engineering principles

IT Technical Institute "Michelangelo Buonarroti" Guspini, IT
Chief Computer Scientist Diploma · *Grade: 74/100* Sep 2009 - Jun 2014
Specialized in System Architecture and Network Infrastructure

LINKS

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