

ANGEL STOYNOV

Associate Software Developer

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SUMMARY

GitHub LinkedIn

Backend and security engineer with hands-on experience in Java, Spring Boot, and OAuth2/OIDC systems. Versatile across infrastructure, documentation, and security. Known for rigorous code reviews and a sharp eye for vulnerabilities. Currently pursuing a Master's in AI Engineering to expand into AI/ML systems.

WORK EXPERIENCE

Associate Software Developer, SAP Labs

December 2025 - Present

XSUAA-for-XSA, SBSS and others | *Java 21, Spring Boot, SAP HANA*

- Implemented CSRF protection for hana-oidc module including X.509 and Kerberos;
- Migrated SBSS and XSUAA repos to Java 21;
- Patched CVE in production OIDC identity layer;
- Set up JaCoCo coverage to main pipeline;
- Fixed OIDC X.509 config property mismatch;
- Resolved infrastructure regression;
- Assumed and migrated SBSS CI/CD toolchain infrastructure;
- Authored SAP Notes and platform role documentation for help.sap.com;
- Added Flyway retry logic on DB shortage during UAA startup;
- Applied PSL-1 branch protection in 5 repos;
- Wrote technical docs and developer guides

Intern Software Developer, SAP Labs

June 2025 - November 2025

XSUAA-for-XSA | *Java 21, Spring Boot, SAP HANA*

- Built paginated REST endpoint used by XSA Cockpit;
- Fixed SAML provider name being overwritten on UAA restart;
- Identified username validation bypass in HANA database;
- Fixed user caching bug causing stale auth state;
- Decomposed monolithic servlet initializer

EDUCATION

Computer Science - Bachelors
Technical University of Sofia
2022 - 2026

AI Engineering - Masters
Technical University of Sofia
2026 - 2027

LANGUAGES

Bulgarian - Native
English - Fluent (CAE)

KEY SKILLS

Backend: Java, Spring Boot (Professional), Python (Fundamental)

Frontend: JS, TS (Fundamental), React, React Native (Advanced)

DevOps: Jenkins (Advanced), Docker, Azure, Github Actions (Fundamental)

DBs: HanaDB (Professional), PostgreSQL (Advanced), MongoDB, MySQL (Fundamental)

SAST & SCA: CodeQL, Mend, BlackDuck, Sirius, SonarCloud (Professional)

AI & ML: SAP Generative AI Hub, SAP AI Core (Fundamental), Prompt Engineering (Professional)

CERTIFICATES AND HONORS

SAP courses

Practical Linux/UNIX, Introduction to Generative AI Hub in SAP AI Core

Google AI Professional Certificate

Google: Issued Oct 2026
Credential ID OALG1XY5NXWM

Cambridge Advanced English

Cambridge University Press: Issued Apr 2024
Credential ID B5341854