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PROFILE

Computer Science graduate with hands-on experience validating, **debugging**, and testing full-stack and mobile systems with a focus on access control, API integrity, and reproducible system behaviour. Experienced in **writing automated tests**, analysing failure cases, and improving reliability through **structured validation**. Seeking to develop in **QA automation** and security-focused testing environments.

WORK EXPERIENCE

Youngstival — Kristianstad, Skåne
Mobile Developer Intern — *Oct 2024 – Sep 2025*

- Built and validated a **Kotlin + Firebase** booking system with authentication and **RBAC**, executing structured test scenarios across **200+** pilot users to verify permission enforcement.
- Tested real-time dashboards under concurrent booking conditions, validating asynchronous updates and reducing manual verification effort by **20%**.
- Implemented and validated **REST endpoints** using structured input checks, boundary testing, and negative-case handling, reducing recurring data-entry errors.
- Reproduced booking inconsistencies through log and event tracing, **documenting root causes** and verifying fixes before release.

Luday SE — Gothenburg, Västra Götaland
Full Stack Developer Intern — *Jun 2024 – Sep 2024*

- Delivered **React/Next.js** interfaces integrated with REST APIs while writing **unit and integration tests** in **Jest**, contributing to a **15%** reduction in post-release UI defects.
- Tested UI components against invalid inputs and empty states to prevent common regression bugs.
- Designed and tested **PostgreSQL** and **MongoDB** schemas during load simulations, identifying indexing improvements that reduced query latency.
- Participated in bug tracking and code reviews, checking logic changes and verifying fixes before merge.

PROJECTS

HomeSync - IoT Control App
Real-time Voice & Context-Aware System — *Feb 2025 – May 2025*

- Built a React frontend and REST/WebSocket backend to control **Arduino** devices, running repeated latency tests to keep command response under **200ms**.
- Used **Docker** to create consistent test environments across devices and local deployments.
- Added authentication and tested unauthorised access attempts to ensure devices could not be controlled without permission.

Fitness & Nutrition Tracker
MERN-Stack Project — *Jun 2025 – Jul 2025*

- Built **authentication** and admin controls and tested API behaviour using **10,000+** mock meal entries to confirm stable data handling.
- Improved MongoDB query performance by testing different indexing approaches under repeated searches.
- Wrote unit tests and used **Postman** to validate API inputs and confirm correct error responses.

Education

- **Kristianstad University** — Kristianstad, Skåne
  B.Sc. in Computer Science — *Aug 2022 – Jun 2025*
  - **Relevant Coursework**: Computer Security, Fundamental Programming, Software Engineering, Database Technique

Skills

- **Testing & Validation**: Jest, Pytest, Postman, Unit Testing, API Validation
- **Programming & Technologies**: Kotlin, Typescript, Python, Java, React
- **Databases**: PostgreSQL, MongoDB, MySQL, Firebase
- **Tools & Reporting**: Power BI, Github, Jira, Confluence

Languages

English: Business Fluent

German: B2, Upper-intermediate

13/2/2026