CEDRIC NEERGAARD

DETAILS

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SKILLS & LANGUAGES

Personal
Communication, Teamwork, Problem Solving, Adaptability, Time Management, Interpersonal Skills, Analytical Skills, Conflict Resolution, Decision Making, Critical Thinking, Flexibility, Initiative, Leadership, Attention to Detail, Creativity

Languages

Language	Level
Norwegian	●●●●●
Swedish	●●●●●
Finnish	●●●●●
English	●●●●●
Japanese	●●○○○

Tools
Powerpoint, Word, Git, Jira, Linux, Azure, Excel, AWS, Cloud Computing, Adobe, Docker, GCP, Heroku, Firebase

Programming Skills

Skill	Level
Backend	●●●●●
Bash	●●●●●
CSS	●●●●●
PostgreSQL	●●●●●
Agile	●●●●●
MySQL	●●●●●
React	●●●●●
HTML	●●●●●
TypeScript	●●●●●
Scrum	●●●●●
SQL	●●●●●
JavaScript	●●●●●
Frontend	●●●●●
Node.js	●●●●●
Python	●●●●○
DevOps	●●●●○
Express	●●●●○
Flask	●●●○○
SQLite	●●●○○
MongoDB	●●●○○
Julia	●●●○○
Scala	●●●○○
OpenAI API	●●●○○
Java	●●○○○
Spring	●●○○○
MATLAB	●●○○○
Next.js	●●○○○
C++	●●○○○
Zig	●●○○○
Hugo	●●○○○

PROFILE

Experienced Software Development Consultant specializing in Big Data and large-scale computing. Proven track record of successfully delivering high-quality projects that meet clients' requirements and exceed expectations. Skilled in collaborating with cross-functional teams to design and implement robust solutions that provide valuable insights and drive business growth. Adept at leveraging cutting-edge tools and technologies to optimize code performance and streamline development processes. Skilled at collaborating with stakeholders to gather requirements, architect scalable systems, and deliver robust software applications. Experienced in utilizing DevOps practices to ensure seamless deployment and efficient software maintenance. Proficient in creating architectural blueprints that strike the right balance between performance, security, and maintainability. A strong advocate for adopting emerging technologies and best practices to ensure long-term success.

EMPLOYMENT HISTORY

Software Development Consultant at CGI, Finland
05/22 - present

- Collaborated with cross-functional teams to develop and deploy software solutions
- Conducted thorough code reviews to identify and fix bugs and enhance overall system performance
- Implemented machine learning algorithms to improve data analysis and decision-making processes
- Assisted in the design and development of scalable and secure web applications
- Worked closely with clients to gather and analyze requirements, ensuring timely and accurate project delivery
- Conducted comprehensive software testing to identify and resolve functional and usability issues
- Provided technical guidance and support to team members, promoting knowledge sharing and professional growth
- Developed and maintained documentation for software applications, ensuring that it was up to date
- Actively participated in agile development methodology, contributing to sprint planning and retrospectives
- Utilized various development frameworks and tools to optimize software development processes

Full-stack Developer at Sulake, Finland
09/21 - 04/22

- Developed a web application using React and Node.js for improved data visualization and analysis.
- Conducted thorough unit testing and debugging to ensure high-quality and bug-free software delivery.
- Collaborated with UI/UX designers to create visually appealing and intuitive user interfaces.
- Resolved complex technical issues and provided timely support to internal stakeholders, maintaining high levels of customer satisfaction.
- Actively participated in code reviews and provided constructive feedback to improve code quality and maintainability.

"Everything IT" at APT-Elektro, Finland
05/21 - 05/22

- Developed and maintained web applications for internal and external use
- Managed and monitored servers to ensure optimal performance and security
- Implemented effective backup and disaster recovery strategies
- Troubleshot and resolved hardware and software issues for end users
- In short, me and my colleague were the whole IT-department, thus we created, managed, and maintained the whole IT-infrastructure

EDUCATION

Master of Science (Technology), Research Exchange, University of Tokyo, Japan
09/24 - 04/25

- Research exchange at Univeristy of Tokyo
- Part of Prof. Yoshihiro Kawahara's laboratory
- Research conducted under the guidance of Prof. Hiroaki Murakami
- Research focused on thermal comfort at a university residence during summer.
- Presented my research at the 87th National Convention of ISPJ conference in Osaka in March of 2025.
- Research title was "A Case Study on Determinants of Thermal Comfort: Insights into Air Conditioning and Environmental Factors"

Master of Science (Technology), Big Data and Large-scale Computing, Aalto University, Finland
09/23 - present

Skill	Level
R	●●○○○
Data Mining	●●○○○
Redis	●●○○○
C	●●○○○
Rust	●○○○○
Dart	●●○○○
Vue	●○○○○

- GPA: Currently 4.19 out of 5.0
- Currently gotten experience in employing technologies such as CassandraDB, Apache Kafka, and Apache Nifi, to create platforms compatible with data sizes and velocities of terabytes a day
- Additionally, I have gained experience in data mining and software architecture
- Exchange at University of Tokyo

Bachelor of Science (Technology), Computer Science, Aalto University, Finland

09/19 - 05/23

- GPA: 4.37
- ECTS: 180
- Minor in Data Science with a GPA of 5.0
- I wrote my thesis about Challenges and Good Practices in Large-scale Agile Software Development with Distributed Teams
- Graduated with honors
- Member of Teknologförening, Tietokilta
- Continuing education in Aalto University, Master's in Big Data and Large-scale Computing

OTHER ACTIVITIES

LP-website

Currently creating a website for my dad where we can collect, browse, and inspect his various LPs, including various metadat about the LPs.

Conway's Game of Life in multiple languages

I created the infamous Conway's Game of Life in a plethora of languages, including Python, Rust, and Zig. Currently working on the Zig implementation, with the next languages being Go, OCaml, and C.

Personal Website Portfolio

I created a personal website portfolio to showcase my skills as a software engineer.

AWS Cloud Practitioner Certificate

The AWS Certified Cloud Practitioner validates foundational, high-level understanding of AWS Cloud, services, and terminology.