Curriculum Vitae

Personalia

Name & Last name	**Cornelis, Kettenis**
Address	**79, Lorong Bayu Mutiara, Taman Bayu Mutiara 6, 14000 Bukit Mertajam, Penang, Malaysia**
Date of Birth / Nationality	**12 August 1994 / Dutch**
Languages	**Dutch, English, basic Malay**
Driving License	**Malaysian class D**
Phone No. / Email	**+60 17 441 50 41 / ckettenis@gmail.com**
Marital Status	**Married**



Software developer / engineer

Core Strengths	• **Quality-driven engineering** • **Clean and maintainable code** • **Practical problem-solving** • **Strong ownership** • **Technical leadership** • **Clear communication** • **Business-to-technical translation** • **Continuous improvement**

Personality

I am a software developer and engineer focused on building reliable, maintainable systems that solve real problems. I care about clean code, clear structure, dependable deployment, and software that remains easy to understand and extend over time.

My background combines hands-on development, DevOps, team leadership, and business analysis. I enjoy working close to the real problem, translating business needs into technical solutions, and improving the way teams build, test, deploy, and maintain software.

Outside of professional work, I continue to build personal projects because I believe real passion for software is shown through curiosity, experimentation, and continuous improvement. I am fully committed to delivering reliable, maintainable software with clear ownership and a strong focus on long-term quality.

Personal Projects

You can find all my personal projects on GitHub: https://github.com/Cees-Kettenis. The projects below reflect my interest in practical developer tooling, open-source software, and continuous technical improvement.

Local Issues VS Code Extension Open-Source Workspace Issue Tracker

Link**:** https://github.com/Cees-Kettenis/issue-tracker-vscode

Built a local-first VS Code issue tracker using TypeScript, allowing project tasks to be managed directly inside the workspace without external tools such as Jira, GitHub Issues, or Trello.

Native Elixir PDF Utilities Open-Source PDF Processing Toolkit

Link**:** https://github.com/Cees-Kettenis/native_elixir_pdf_utilities

Created a pure-Elixir PDF utility library for structural PDF processing without external binaries, ports, or native extensions. Built support for PDF tokenization, stream handling, object renumbering, indirect reference rewriting, page tree reconstruction, and classic xref/trailer generation, enabling multiple PDF documents to be merged natively in Elixir.

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Recent Work Experience

Period	**July 2024– Present**
Company	South Island Garment Sdn. Bhd.
Function	**Senior Full Stack Software Developer**
Job description	• **Lead a team of 5 developers** in designing and building an in-house system from the ground up. • **Gather and analyze requirements** from stakeholders to align technical development with business objectives. • **Architect and maintain CI/CD pipelines** for automated testing, security scanning, building, and deployment to self-hosted servers. • **Implement modern engineering practices**, including Scrum methodology, secure password management, and task tracking/reporting tools to enhance productivity and transparency. • **Deploy internal applications** across Vietnam office and factory environments, ensuring smooth roll-out and continued support. • **Maintain a clean, scalable code base** in **Elixir and the Phoenix framework,** promoting code quality and long-term sustainability.

Period	**April 2019 – June 2024**
Company	Neptrix Sdn. Bhd.
Function	**DevOps Manager**
Job description	• Managed a team of 5–10 people and led projects from initial business analysis through delivery. • Introduced clear communication processes for staff to follow, improving communication between customers and development teams and reducing delays caused by miscommunication. • As a management team member, ensured project teams had the time, resources, and budget needed to succeed. • Modernized the Neptrix MES system by helping develop back-end and front-end systems and guiding UI/UX improvements. • Worked as a pre-sales consultant and business analyst at customer sites to improve functional and technical specifications. This work resulted in successful completion of more than 15 projects according to specifications.

Period	**September 2015 – July 2017**
Company	Esyst BV. Zwolle / Appbakkers BV, Zwolle
Function	**Software Developer**
Job description	At my internship turned job at Esyst I learned how to develop my first applications. I also maintained websites and migrated websites to a new server. Esyst became Appbakkers during my working period. At Appbakkers I did maintenance work on websites and made new websites. I also developed several applications using C# and Swift.

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Education and training

Elixir and Phoenix Framework Bootcamp	Udemy Certificate
Certified Scrum Master	CSM Certificate
OWASP Top 10	Coursera Certificate
Software Developer Level 4	MBO Diploma
All-round IT Employee Level 3	MBO Diploma
VMBO GT/TL	Diploma

Technical Skills

Hardware	PC networking, PC repairs, PC maintenance, custom PC/server builds
Operating systems	Linux distributions including Mint, Ubuntu, Debian, Fedora and Raspberry Pi OS. Windows desktop and server environments, macOS, Android and iOS. Linux servers and minimal deployments.
Software	Git, Forgejo, VS Code, Visual Studio, LibreOffice, GIMP, Linux command-line tools, Bash scripting, SSH, systemd, Docker, CI/CD pipelines, Vaultwarden, and self-hosted services
Methods	ITIL, Scrum, OWASP Top 10

Technical Skills Matrix

Core Development	**Level**
Elixir / Phoenix	Advanced
C# / .NET / ASP.NET	Advanced
HTML / CSS / JavaScript / TypeScript	Advanced

Databases	**Level**
PostgreSQL	Advanced
MySQL / MariaDB	Advanced
Microsoft SQL Server	Experienced

Frameworks & Platforms	**Level**
Phoenix LiveView	Advanced
ASP.NET Core MVC	Experienced
Vue.js / React	Working knowledge

DevOps and Infrastructure	**Level**
Linux server administration	Advanced
CI/CD pipelines	Advanced
Git / GitHub / Forgejo	Advanced
Self-hosted deployments	Advanced
Docker	Advanced
Windows Server environments	Experienced

Tools and Methods	**Level**
Scrum	Advanced
OWASP Top 10	Advanced
Business analysis	Experienced
Team leadership	Experienced

Additional Experience	**Level**
Python	Experienced
PHP	Experienced
Java	Working knowledge
Swift	Working knowledge

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Early Work Experience

Period	**June 2017 – December 2017**
Company	Art of Banking
Function	**Web development**
Job description	I built a website based on WordPress by following a design and strict requirements.

Period	**January 2015 – June 2018**
Company	Jokofoto.nl
Function	**Website and computer management**
Job description	I maintained the website. This included keeping the website up to date and some minor changes when needed.

Period	**July 2013 – March 2016 & August 2017 – October 2017**
Company	McDonald's Bataviastad, Lelystad
Function	**All-round employee**
Job description	Besides working in the kitchen and at the counter, I was responsible for different stations.

Period	**August 2013 – November 2013**
Company	De Flevomeer Library, Lelystad
Function	**Service desk employee**
Job description	Besides helping people with their computer problems at the library I also helped with maintaining printers and specialized hardware. I also helped during library events that were held every few weeks.

Period	**April 2013 - July 2013**
Company	Community center de Brink, Lelystad
Function	**System management**
Job description	I oversaw the computer department of the community center. I also kept the systems up to date and made sure they were working.

Period	**October 2009 - March 2013**
Company	Albert Hein Gordiaan, Lelystad (supermarket)
Function	**All-round employee**
Job description	As an all-round employee in a supermarket, I built up experience in customer service, stock handling, and daily store operations.