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COMPETENCES

Software Engineer

Requirements Solicitation
Software Quality
Deployment Strategies
Autonomous Vehicle Systems
Agile Project Management
Software Architecture
Software Design

Developer

Linux Server Setup and Administration
Full-Stack Development (C++, Python, Java, JavaScript, etc.)
Database Design and Data Management

Business Analysis

Statistical Analysis (R, Excel)
Business Strategy
Innovation Management
Risk Assessment and Finance

TECHNICAL SKILLS

OS/ENVIRONMENT	Linux, MacOS, Android, Windows
NORMS AND GUIDELINES	Software Quality Standard ISO-9126/ISO-25010, MVC-Architecture, Scrum, Continuous Integration/Continuous Deployment, Test Driven Development
SOFTWARES/SYSTEMS	R, SPSS, Excel, Docker, Apache, OpenDaVINCI
SOFTWARE LANGUAGES	Java, Python, Node.js, JavaScript, PHP, AngularJS, C++, CMake, bash, SASS, SQL, NoSQL

ACADEMIC BACKGROUND

GRADUATE

Chalmers University of Technology

M.Sc. Software Engineering

GRADUATE

School of Business, Economics and Law

M.Sc. Innovation and Industrial Management

RESEARCH ASSISTANT – CHALMERS UNIVERSITY OF TECHNOLOGY

DEPARTMENT: SOFTWARE ENGINEERING

CONTEXT AND GOALS	Assist with research within autonomous vehicles. The research aimed specifically at identifying software deployment strategies for time critical systems.
TASKS	<p>Develop and implement methods for evaluating software deployment alternatives</p> <p>Development and testing of an autonomous vehicle system</p> <p>Participate in the implementation of container based deployment for the autonomous system</p>
ACHIEVEMENTS	Ongoing
DEVELOPED SKILLS	<p>Have increased my technical knowledge for the development and implementation software infrastructure</p> <p>Gathered a deep understanding to the requirements and development of time critical systems</p>
TOOLS	C++, CMake, Docker, CXXTest, OpenDaVINCI, Git, Bash, Linux, MacOS

MIGRATION CONSULTANT

CUSTOMER: UCMS GROUP

CONTEXT AND GOALS	Plan, execute, and manage site migration process for the customer's existing site.
TASKS	<p>Plan out migration process</p> <p>Develop bespoke migration tools</p> <p>Execute migration process</p> <p>Educate customer staff in new CMS</p> <p>Integrate newly migrated site on customer infrastructure</p>
ACHIEVEMENTS	Successfully migrated customer's existing site. The site contained 8 separate language with over 1,500 subpages and posts. Successfully ensure SEO tools worked as expected.

DEVELOPED SKILLS	<p>Gathered deep understanding of the relationship between work processes and technical implementation.</p> <p>Developed leadership skills while educating customer staff.</p> <p>Project management skills throughout the implementation.</p>
TOOLS	PHP, Python, MySQL, JavaScript, CSS, Typo3, WordPress, Linux Server, Apache, HTML. Git

SOFTWARE DEVELOPER

CUSTOMER: UCMS GROUP

CONTEXT AND GOALS	Develop case information website for customer's subsidiary business unit.
TASKS	<p>Plan development sprints</p> <p>Develop WordPress based website</p> <p>Integrate site on server infrastructure</p>
ACHIEVEMENTS	Successfully built dynamically loaded website with advanced level front-end UX.
DEVELOPED SKILLS	<p>Developed skills within AJAX and dynamic content load</p> <p>Project management skills throughout the implementation.</p> <p>Further enhanced my experience in development of websites and bespoke WordPress development</p>
TOOLS	PHP, Python, MySQL, JavaScript, WordPress, Linux Server, Apache, jQuery, AJAX, CSS, HTML

MIGRATION CONSULTANT

CUSTOMER: ORTOMA AB

CONTEXT AND GOALS	Plan, execute, and manage site migration process for the customer's existing site.
TASKS	<p>Plan out migration process</p> <p>Develop bespoke migration tools</p> <p>Develop existing website in new CMS</p> <p>Execute data migration process</p>

	Educate customer staff in new CMS
ACHIEVEMENTS	Successfully migrated customer's existing site. The site contained 8 separate language with over 1,500 subpages and posts. Successfully ensure SEO tools worked as expected.
DEVELOPED SKILLS	Gathered deep understanding of the relationship between work processes and technical implementation. Developed leadership skills while educating customer staff. Project management skills throughout the implementation.
TOOLS	PHP, Python, MySQL, JavaScript, CSS, Typo3, WordPress, Linux Server, Apache, HTML. Git

MASTER'S THESIS – CHALMERS UNIVERSITY OF TECHNOLOGY 2016

DEPARTMENT: SOFTWARE ENGINEERING

CONTEXT AND GOALS	Evaluate the performance impact of utilizing sandboxed software deployment strategies for time critical systems
TASKS	Plan and execute research of systems for autonomous vehicles. Develop evaluation framework for gathering relevant data. Write technical and academic report regarding the process
ACHIEVEMENTS	Concluded that there exist no performance losses when deploying time critical systems using sandboxed software technology Found that kernel version had greater performance impact on the executing system
PUBLICATION	19th IEEE Intelligent Transportation Systems Conference in Rio de Janeiro, Brazil 2016, https://doi.org/10.1109/ITSC.2016.7795942
DEVELOPED SKILLS	Deep understanding of Operating System infrastructure. Deep understanding of container based software deployment Deep understanding of software quality requirements of autonomous vehicle systems
TOOLS	C++, CMake, Docker, CXXTest, OpenDaVINCI, Git, Bash, Linux, MacOS, LaTeX

SOFTWARE CONSULTANT

PIPIACO

CONTEXT AND GOALS	Freelancing as a software developer, particularly within web development along side studies.
TASKS	Communicate with customers to ensure requirements are correctly aligned Develop and maintain websites and web systems for diverse customers Server responsible for approximately 60 websites Technology responsible for Boust Software quality and communication responsible for outsourced projects with Indian subcontractors.
ACHIEVEMENTS	Maintained and developed websites for 12 customers. Upheld a successful partnership with BOUST.
DEVELOPED SKILLS	This role has extensively increased my technical toolbox, as I have gained deep understanding of web services and server applications. Experience of project management with teams located abroad Professional abilities and communication skills
TOOLS	PHP, JavaScript, Apache, Linux, Bash, CSS, HTML, Typo3, WordPress, Laravel, Photoshop, SQL

IT CONSULTANT

CUSTOMER: GLUTEUS CREATIONS

CONTEXT AND GOALS	Gluteus Creations AB was, before its decommission, a marketing agency aimed at delivering websites, and marketing solutions for customers. I was employed as a developer for their websites.
TASKS	Maintenance of existing websites in Typo3 Planning and development of a large-scale WordPress website
ACHIEVEMENTS	Successfully delivering website to customer
DEVELOPED SKILLS	Web development skills

