MATT CRIDLAND

I am a Full Stack Developer with 5+ years of experience accross all phases of Software Development. I have a passion for problem solving and challenging projects, adept at learning new platforms and frameworks I am able to move forward on the next project no matter the task. As a great team player I find the company culture to be more important than the technologies used.

CONTACT

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📍 Alameda, California

SKILLS

PROGRAMMING
C#, SQL, JS, HTML, CSS

TECHNOLOGIES
Team Foundation Server, git, ffmpeg, REST, TCP, SIA

METHODOLOGIES
Dev Ops, Agile Scrum

EDUCATION

BSc COMPUTER SCIENCE
CARDIFF UNIVERSITY
Cardiff, Wales, UK.
2009 - 2013

EXPERIENCE

SUREVIEW SYSTEMS
2014-2019

SureView Systems develops Immix; a product that connects multiple physical security platforms - such as CCTV, Access Control or Incident Management - into one usable system.

Senior Developer

Worked directly with CTO to drive the DevOps direction of the company.
Trained new hires and lead projects to customer satisfaction.
Relocated to the US office to imporove the pre-sales process working with potential customers and project managers to stand out from the competition.
Rearchitected customer specific projects to be compatible with the whole platform.

On Site @ Facebook

Worked on site with customer Project Managers to develop a more efficient product; increased security efficiency by 10x.
Worked directly with end users and iterated quickly on feedback.
Reduced impact of third party system SDK during peak hours and reduced alarm delay by a factor of 1000.

Full Stack Developer

Develop new features across the whole stack: SQL to C# to HTML/JS/CSS
Implement the Web Security plan provided by third party experts
Liaised with customers to manage time sensitive critical updates.

Integration Developer

Created C# dll libraries to integrate third party devices into the SureView Immix platform. Connection to third party devices was by means of HTTP REST APIs, CGI, SDK libraries or by TCP using custom communications or text protocols such as SIA.
Created .Net windows services to receive thousands of messages per minute and store relevant alarms into the SQL Server database.
Loaded video from third party devices via such protocols as RTSP and converted between custom formats such as MP4, h.264 and YUV using ffmpeg and C++ where necessary.