

Robert Fall

Full-Stack Developer

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BIO

Innovative, Methodological, Client driven full-stack software developer. Adept at handling all areas of the development lifecycle, from requirements gathering and feasibility studies to deployment and maintenance. Passionate about Artificial intelligence, Machine learning, Robotics, blockchain, and all things web.

TECHNICAL SKILLS

Languages: C#, Java, Javascript, TypeScript, Python, SQL, HTML, CSS, PHP.

Libraries & Frameworks: React.js, PyTorch, ROS, Django, .Net, Keras, Springboot, Laravel, Vue.js, React Native, Express.js, Angular.js Tensorflow, FLASK, Sci-kit Learn, OpenCV.

Platforms & Environments: Node.js, Netlify, Wordpress, Amazon Web-services(AWS), Microsoft Azure, Google Cloud Platform, Magento 2, Shopify.

Methodologies: Agile, Feature-Driven, Waterfall.

EXPERIENCE

Fall Development, Bristol - *Founder & Senior Full Stack Software Developer* - September 2020 - PRESENT

Key Responsibilities:

- Full Stack Development, management, and delivery of internal and client projects.
- Business management to keep Fall Development running according to our ethos.
- Liaise with clients to gather their requirements for a particular project.
- Thoroughly testing code before it is released to production.
- Forging robust relationships with clients to enable easy collaboration and future works.

Key Achievements:

- Founded the Company, which is a lifelong dream of mine.
- Built the technical infrastructure.
- Provided multiple development services to clients ranging from Artificial Intelligence and machine learning services, web development,

bespoke software development, database management, mobile app development, and data science services with increasingly positive feedback.

Seeker Digital, Bristol - *Full Stack Developer*

September 2019 - October 2020

Key Responsibilities:

- Full Stack Development for the company as internal and external services.
- Liaise with internal teams and external clients to gather their requirements before starting a project.
- Work seamlessly with the business managers on internal and external projects.

Key Achievements:

- Built and maintained the companies technical infrastructure from the ground up.
- Built a twitter social listening tool using NLP for a client to help improve their social presence.

ComputerShare, Bristol - *Support Developer*

January 2019 - September 2019

Key Responsibilities:

- Full Stack Web Development and support internally for the main services provided by ComputerShare.
- Lease with customer service regarding any technical issues, so they can be resolved as quickly as possible.

Key Achievements:

- Assisted in the migration and update of ComputerShares legacy products from .Net to Java to increase compatibility with the newer services ComputerShare provides and the legacy services stability and efficiency.

EDUCATION

University of Birmingham, Birmingham, UK - *MSc Computer Science*

September 2017 - September 2018

Modules: Software Development, Software Engineering, Human Computer Interaction (HCI), Artificial Intelligence, Machine Learning, Data Structures, Databases.

Research Specialism: The application of Deep Inverse Reinforcement Learning on Robotic Grasping.

Plymouth University, Plymouth, UK - *PgCert Computer Music*

September 2015 - September 2016

Research Specialism: The application of Artificial Intelligence in Computer Music to enhance, influence, and automate musical composition.

Plymouth University, Plymouth, UK - *BA Music Technology - 2:1*

September 2012 - September 2015

Research Specialism: The use of Markov chains to generate computer music.

REFERENCE

Name: Becky Holmes

Company: Seeker Digital

Contact: becky.holmes@seeker.digital