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PERSONAL PROFILE

As a web developer with over 12 years of experience, I have developed a strong background in creating and maintaining complex web and browser-based applications. I strive to stay up to date with the latest technologies and trends and have a passion for exploring innovative solutions. Throughout my career, I have successfully resolved complex problems and delivered projects to the highest standards. I believe in finding creative solutions to challenges, and my strong communication and interpersonal skills enable me to effectively collaborate with team members. I am a highly motivated and organized individual who thrives under pressure, and I am always eager to learn new skills.

I have had the opportunity to gain a wealth of experience in web development, which has equipped me with extensive knowledge and expertise in various front-end core technologies such as **HTML5**, **CSS3**, **JavaScript**, and **jQuery**. In addition, I have gained valuable commercial experience in developing **RESTful** APIs using **ReactJS**, **NodeJS**, **Express**, and **MongoDB**. I also possess a solid understanding of **AngularJS** and **Angular2/6**, utilizing both **typescript** and **ES6**.

Key Technical skills:

- Proficiency in front-end technologies such as **HTML5**, **CSS3**, **JavaScript**, jQuery, and **Bootstrap** 3&4.
- Experienced in **ReactJS** and **Redux**.
- Experienced in **NodeJS** and **Express** for server-side development to create RESTful API's.
- Commercial experience in **AngularJS** and **Angular 2/6** using **typescript** and **ES6**.
- Experienced responsive website development with cross-browser compatibility.
- Knowledge of server-side web development using PHP.

GitHub: <https://github.com/MeGallin>.

Project Management:

JIRA and Confluence, Trello, Slack, Monday.com, cPanel and Web host Manager (WHM).

Additional skills:

PWA progressive web apps, AWS and Auth0.

IDE:

Visual Studio Code, Jet Brains WebStorm, , Sublime Text (3).

System Software: MS Windows and Mac.

Links: <https://garyallin.uk>, <https://yourcorporatememory.com>,
<https://clubmanager.livenotice.co.uk>, <https://tfl.livenotice.co.uk>,
<https://scifin.livenotice.co.uk>, <https://louder.livenotice.co.uk>,
<https://bitcoin.livenotice.co.uk>, <https://fisicalfitness.co.uk>,
<https://padgas.com>, <http://inforoundup.livenotice.co.uk> ,
<http://https://tinaguinn.co.uk/>, <https://maycrafts.co.uk>,
<https://maycrafts.co.uk/shop/>, <https://sd2.livenotice.co.uk>

PROFESSIONAL WORK EXPERIENCE

Full Stack Developer

Fisicalfitness Pty Ltd.

<http://www.bodyvantage.co.uk>

Reading, UK (hybrid)

July 2021 to present.

- I was part of a small team of developers and was responsible for all things web based.
- As a part of my responsibilities, I utilized Git as our version control tool and deployed the code to GitHub. Additionally, I devised and designed the workflow branching strategy that comprised of two primary branches namely main and develop, and three types of supporting branches, feature, release, and hotfix, each with distinct intended purposes.
- As a part of my responsibilities, I was tasked with implementing both the user-facing component and APIs of the application. I made certain that the application was aesthetically pleasing and completely responsive to user interactions. Furthermore, I ensured that the application's functionality was modern and in adherence with MERN, our preferred technology stack.
- On the front-end, I utilized REACTJS (V17) to develop reusable components included buttons, inputs and a modal to more complex document uploading/download and filtering (search). I used react-hooks, react-router, and REDUX for state management. In addition, I employed SASS to style the application.
- For the back end, I utilized NODEJS as our runtime environment, and the EXPRESS package as our server.

- I employed JWT to provide authentication for our REST APIs, and created a database schema that defined a User for registration and login purposes. Additionally, I established two API routes, namely register and login, utilizing json-web-token for authentication. Moreover, I developed input validation without the aid of any dependencies. Additionally, there is also a forgot password route if a valid email is present.
- To ensure the seamless operation of our routes and APIs before integrating them with the front-end, I utilized Postman for testing purposes.
- As a member of the software team, I actively participated in daily stand-up meetings to provide progress reports and updates, as well as to address any issues or concerns that arose. I also occasionally hosted these meetings.
- As part of my responsibilities, I conducted code reviews of my peers' work and provided feedback as needed.

Front End Developer

Fotech Solutions Pty Ltd

<https://www.fotech.com/>

Farnham, UK (hybrid)

April 2020 to May 2021

- Part of a larger software team and worked in their web/browser development team.
- Worked on their Helios (<https://www.fotech.com/technology/helios-das/>) and Panoptes (<https://www.fotech.com/technology/panoptes/>) products as a front-end developer.
- I utilized VueJS, Vuex, JavaScript, and Sass in the front-end to create data visualizations in the form of graphs and maps. These visualizations showed patterns extracted from raw data stored in the back-end, which was based on Python.
- To ensure quality, I create unit tests for all the new components using Cypress and Cucumber.
- Worked on a backlog of bugs due to technical debt and helped maintain the current Ruby on Rails codebase.
- Participated in daily standup meetings with the entire software team to provide updates and progress reports and to raise any issues or concerns and hosted then from time to time.
- Reviewed my peers' code and gave feedback as required.

Front End Developer

LexaTech Pty Ltd (Deputi.ai)

<https://www.deputi.ai/>

Guildford, UK

January 2019 to March 2020

- Built a business admiration application from concept to MVP to Beta release.
- App was built using HTML/CSS, JavaScript and ReactJS
- Tech stack used was MERN (Mongo/Express/React/Node)
- Responsible for all aspects of the front-end both visually and functionally. Visually, all the CSS was custom built taking advantage of CSS variables and the flex property ensuring that the app was fully responsive. Functionally, used Redux (DUC) throughout to fire events and control data binding and flow.
- All components were built for reuse, these included simple inputs and pills to more complex document uploading/download and filtering (search).
- Developed Node API's and lambda functions for CRUD operations on various components.
- Connected to both internal and external API's (end points).
- Connected to third party systems like AUTH0, segment and Xero accounting.
- Used AWS s3 storage and other services.
- Used GitLab for source control (commit and merge).

Front End JavaScript Developer

Plug and Play Design

(<https://www.plugandplaydesign.co.uk>)

Guildford, UK

August 2018 to October 2018 (3 month Contract)

- Worked on mortgage software application called smartr 365
- Built components for the application in Angular (6).
- Used Angular material design to build functional components.
- Worked closely with the design team to match design using pixel perfect.

UI/UX JavaScript Developer

Centrica Business Solutions (Formally Ener-g Group)

<https://www.centricabusinesssolutions.com>

Horsham, UK

December 2016 to July 2018

- Develop a new user interface for the "live/real time view" system using the latest version of Angular (5).
- Developed new Angular (2) browser Based Apps for "Data Gap Filler" and "Commission Tool".
- Building code to ensure optimization for speed and scalability.
- Apply best practice with regards to UI/UX designs.
- Ensuring that all user input is validated before submitting to back-end.
- Collaborate with other team members and stakeholders.
- Building re-usable code and creating a library using NPM and JIRA (Atlassian).

Web Developer

Space Air Conditioning PLC

Guildford, UK

April 2016 to November 2016

- Responsible for the maintenance and up keep of the existing website (www.spaceair.co.uk).
- Solely responsible for the re-development of their existing website using AngularJS and quotation system using PHP.
- Responsible for maintaining web related issues and CMS.

Web Developer-designer

Trilogy Web Solutions Ltd

Reading, UK

January 2012 to March 2016

- Freelance web developer/designer with accountability for marketing and selling all services related to the web, controlling budgets and developing/designing web based applications for clients.
- Developed and designed a web presence for many start-up and small enterprises, creating user friendly front end as well as practical database driven back end.
- Developed and designed their existing website. (www.trilogywebsolutions.co.uk).
- Built and integrated the payment management system.

- **Managed all client relationships from concept through to going live.**
- **Managed all aspects of web responsibilities including hosting and email.**

Chief Operating Officer

Trilogy FX Ltd

Reading, UK

November 2010 to 2011

- Responsible for the company's dealing desk and risk management.
- Responsible for the company's regulatory activities and requirements
- Managers and advises the Board of Directors on strategic business planning and strategies.
- Responsible for the 24 hour dealing desk and dealing team. Manages day-to-day operation of the Desk.
- Responsible for the company's proprietary trading system and in charge of further developing the trading systems and strategies.

Director

Oleatros FX LLP

Reading, UK

August 2009 to 2010

Responsible for:

- Monitoring and adjusting current market positions.
- Placing market orders and trades.
- To analyse the current market to determine investment risk.
- To keep record of past and current market trends.
- Developing and refining our proprietary trading system.
- Implementing and monitoring our proprietary algorithms.

Senior Partner

Beacon Partners

Pretoria, South Africa

July 1998 to present

A proprietary trading entity covering investments in stocks, shares, indices, forex and property. It was formed to manage family wealth and investments. My main responsibilities are to monitor the daily share movements and accounting records as well as the following:

- Assess and manage the portfolio's risk.
- Manage costs and cash flow management.
- Implementing and managing debit levels.

- Reporting directly to stakeholders.
- Ensuring financial efficiency.
- Ensuring fit and proper tax savings.

Director

MaxVest (Pty) Ltd

Johannesburg, South Africa

January 2004 – March 2007

Reason for leaving: Relocation to the UK.

The main core of the business was to rent out properties that were purchased using investor's funds. My main area of responsibility was the financial controls and on a daily basis I was required to:

- Reporting accurate and concise statements to clients.
- Analyzed current property market conditions.
- Identify lucrative property investment opportunities.
- Liaise with investors on a professional level.
- Kept accurate accounting records.

Forex Investment Association (FIA)

Pretoria, South Africa

January 2002 – December 2003

Board Member

As a board member it was required that I give advise and consulted on very specific structural aspects of the retail forex market. The goal of the association was to propagate a law specific to the retails forec market, that eventually helped put together the foundation for the forex market section with the financial advisory and intermediary Act (FAIS 2002)

- Spearheaded the formation of the FIA (Forex Investment Association)
- Liaised closely with the FSB (Financial Service Board) to mediate a common framework for the retail forex market.
- Oversaw the framework to a point where fit and proper procedures were submitted to the FSB.
- Assisted in the investigation of a number of complaints.

Director and Head of Dealing

MegaForex (Pty) Ltd

Pretoria, South Africa

January 2000 – December 2003

Responsible for the management and performance for the client's portfolios. My daily duties and responsibilities included the following:

- Responsible for trading a \$3.0 million portfolio.
- Designed and developed a client management system using Excel and Access.
- Responsible for reporting to clients on a monthly basis.
- Presenting and reporting monthly statements to clients and CEO.
- Preparing a risk profile and trading system to match the risk.
- Managed clients flow of funds through the South African Reserve Bank.
- Spearhead an initiative to regulate the retail Forex market in South Africa.
- Chaired weekly investment meetings.
- Shared the compliance and due diligence responsibilities.

Director (Founder) and Portfolio Manager

Conerstone Financial Services (Pty) Ltd

Pretoria, South Africa

January 1996 – April 2004

Reason for leaving: Sold personal shareholding to pursue new business.

Responsible for putting a team of 9 individuals together over an 8 year period to form a successful portfolio management company. (Cornerstone Financial Service (Pty) Ltd.). Cornerstone was fully regulated by the Financial service Board of South Africa as well as compliant with the Johannesburg Stock Exchange Control act. Over that eight years I was required to carry out the following Duties:

- Growing the portfolio from zero to £100 million.
- Traded and managed both individual and corporate client's funds.
- Analyzed and research company's accounts in order to seek out investment opportunities.
- Placed buying and selling instruction with a number on stockbroking firms.
- Reported to clients on a monthly basis.
- Designed and developed a bespoke portfolio management system.
- Designed and developed a bespoke trading system called C.A.I.R.E. (Computer aided investment risk eliminator)
- Make daily adjustments to clients portfolio's based on their needs and requirements.
- Ensured the reduction of and specific systemic risk.
- Expanded the business by employing key staff.
- Diversified the business by acquiring a stockbroking license.
- Employed additional stockbrokers.
- Placed orders on the JET system.
- Diversified the business in the Retail Forex Market.
- Responsible for strategic management decisions.

- Initiated the successful sale 25% of the business to Auditing firm BDO Spencer Steward.
- Was personally responsible for a portfolio of £100 million

EDUCATION

Tshwane University of Technology
B Tech Eng. (Major in Mechanical Engineering)
1989

Damelin College
Diploma in Practical Accounting
Diploma in Business Management
1992

COMPUTER KNOWLEDGE

- Extensive knowledge of HTML and HLML(5) and CSS3
- Working knowledge of Java Script and JQuery
- Working knowledge of PHP and SQL.
- Microsoft Office/Excel/Word/Access/Power Point
- Brilliant Accounting
- Adobe Dreamweaver/Photoshop/Fireworks/Illustrator
- Quicken

INTEREST

- Sport
- Gym
- Motor Racing
- Golf