

# JOHN FORFAR

## FULL - STACK DEVELOPER

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📍 Melbourne  
Australia

🌐 <https://github.com/johnforfar>



## PROFILE

Skilled Full-Stack Developer with 10+ years of expertise in JavaScript, React, Next, Python and SQL. Passionate about learning new technologies such as Web3 & ChatGPT API. Experienced with WordPress/PHP, Python for Network Automation/Django. Studying Applied Data Science Cert and holds a MBA and Meta Full Stack Certificate. Military veteran with authentic leadership and community service commitment. Ready to contribute to your team's success.

## CURRENT ROLE

### FULL-STACK DEVELOPER

Gamerplex

2021 - 2023

- Designed and deployed <https://gamerplex.com> using NextJS, showcasing front-end development and responsive design skills.
- Developed Metaplex NFT listing site on NodeJS with Firebase auth and analytics.
- Led server migration from AWS to Digital Ocean, reducing costs by 30% while maintaining quality of service.
- Developed Python scripting to automate generation of 1000's of 3D objects.
- Optimized NodeJS API server performance by upgrading dependencies and customizing functions.
- Managed Github contributions, issues, and project deliverables via Kanban boards.

## SKILLS

- Web Development: Javascript, React, NextJS, NodeJS, MySQL, Python, Django, Wordpress, PHP, HTML & CSS
- AI - ChatGPT, Github Copilot, OpenAI Davinci API.
- Cloud Hosting: Digital Ocean, AWS, Github Pages, Vercel, Netlify
- Programming: Python, Version Control, SDK & API Integration
- Databases & Analytics: MySQL, Python, Pandas, Numpy, Matplotlib, Tableau
- Web3 and Blockchain Development: Web3.js, NFT generation, SDK & API integration
- Indie Game Development: Unity, exposure to C#
- Social Media Marketing: Facebook, Twitter, Instagram, LinkedIn, Hootsuite

## EXTRACURRICULAR

- Completed ChatGPT bot using Next & React integrating with OpenAI Davinci API. Conducted model training on custom dataset.
- Won notable mention at Grizzlython Hackathon Feb 2023 for deploying NextJS website, Gitbook Wiki & Indie Game on Mainnet.
- Solana Australia Ambassador - Assisting Solana Foundation team with local developer relations, community management, communications, hosting developer events & Twitter Spaces.
- Passionate Tech Blogger about Blockchain & AI at <https://buildooors.com> with 6K Twitter followers & YT channel, analysing various ecosystem projects.

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## EXPERIENCE CONT'D

### NETWORK INFRASTRUCTURE AUTOMATION

BHP

2016 - 2021

- Responsible for Global Network Operations management of Network Infrastructure across 186 sites coordinating technical teams who specialise in Cisco LAN, WAN, Wireless, Firewall, Checkpoints, and Cloudflare Internet Gateways.
- Designed and coordinated automation teams to develop technology such as Network configuration via Python & Ansible scripting and Splunk network monitoring dashboards to manage fleet of ~4500 network devices.
- Progressed to Leadership roles managing 65 people across Australia & India. Travel to India to lead offshore teams. Optimised Infosys support vendor performance management via Splunk, Spotfire, ServiceNow and Vendor Contract SLA's.
- Conducted Major Incident & Problem Management for global outages, for high risk environments such as datacentres, cybersecurity threats, internet gateway and Telco WAN outages.
- Change Management SME for network changes, escalation point for expedited change and conduct regular liaison with business stakeholders to understand risk/impact to operations.

### WORDPRESS DEVELOPER

Freelance Small Business Websites (various)

2009 - 2015

- Built multiple WordPress sites for small businesses, including e-commerce, blogs, and portfolios.
- Developed custom themes and plugins using PHP, HTML, CSS, JavaScript and PHP.
- Ensured websites were responsive and optimized for performance & SEO and deploying to hosting using MySQL, phpmyadmin and various cloud providers.
- Provided training and support to Small Business clients including migrating SQL databases.

## EDUCATION

### CERTIFICATE OF APPLIED DATA ANALYTICS

Monash University (Ongoing - July 2023)

2021 - 2023

- Data Science - data in a business model and its lifecycle; different data types, preparation, cleaning, processing, and analysis styles; data curation and management; and legal, ethical, and policy issues.
- Python - basic input/output, program control structures, data structures, modularity, problem-solving techniques, iteration, and recursion.
- SQL - relational model, analysis and design, implementation of relational database using Oracle SQL Developer.

### META FULL-STACK DEV CERTIFICATION

Coursera

May 2023

Created a React site for Capstone with Figma UX/UI wireframe, semantic HTML, responsive CSS, React components, form validation, fetch API, JSON, and Jest testing. Backend made with Python/Django and MySQL.

### GOOGLE DATA ANALYTICS

Coursera (Ongoing)

2022 - 2023

- Proficient in data cleaning, SQL, Tableau, and Google Analytics for data analysis and visualization.
- Knowledge of statistical concepts such as hypothesis testing, regression analysis, and time-series forecasting.
- Big data analysis using tools such as R and Python.

### MASTER OF BUSINESS ADMIN

University of Western Australia

2015 - 2019

- Data Driven Decision Making, Finance, Economic Management, Organisational Behaviour, Management of Technology & Innovation, Accounting, Marketing and Strategic Management.
- Overseas Study Tour to Silicon Valley visiting Stanford Uni, Tesla, Salesforce & Australia Startups.