Philip George

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SOFTWARE ENGINEER

I'm a full-stack developer with expertise in React, Node.js, and AWS, focused on creating straightforward, effective solutions. With experience in high-impact projects, I thrive in early-stage environments where flexibility and clear impact matter most.

PERFORMANCE HIGHLIGHTS

- **Greenfield Search Web-App sold to NHS:** Led FE development on SaaS medical ontology browser, enhancing NHS's health data concept management and accessibility. Sold for **£1.2M** over a 3 year contract.
- **Stakeholder Meeting Presentations:** Demonstrated new features, contributing to the acquisition of a client contract.
- **10x Performance Optimisation:** Tasked with streamlining an organisation wide access control management page, achieved a 1000% decrease in page load time, significantly boosting app performance.
- **Usability and Accessibility Lectures:** Raised company-wide awareness through presentations, enabling more inclusive and user-friendly product design.
- **JavaScript -> TypeScript Codebase Conversion:** Led successful migration from JavaScript to TypeScript, enhancing code robustness and maintainability without compromising delivery targets.

EDUCATION

- **BSc Mathematics and Computer Science - University of Exeter   September 2015 — November 2019**
  - Dissertation - Emotion Driven Music Composition with Artificial Intelligence

- **MSc Data Science for Healthcare (Interrupted) - University of Exeter September 2021 — January 2022**
  - 68% across modules taken
  - Sponsored by **Metadataworks Ltd.**
  - Interrupted due to lack of challenge and relevance - Course in Python was still trivial 3 months in, along with med school modules like .

PROFESSIONAL EXPERIENCE

Software Engineer, London   **July 2023 — November 2023 (5 months - funding issues)**

Disperse | London, England

Full Stack Software Engineer   **April 2022 — July 2023 (1 year 5 months)**

Dunelm | London, England

Junior Software Engineer -> Software Engineer   **Nov 2019 — Feb 2022 (2 years 4 months)**

Promoted July 2021

AREAS OF EXPERTISE

Software Engineering | Full Stack Development | Project Leadership | Agile Methodologies | Problem Solving | Cross-Functional Collaboration | Test-Driven Development (TDD) | Continuous Integration & Continuous Delivery (CI/CD) | Technical Writing | Cloud Computing | User Interface Design | Database Management

Languages: TypeScript | Python | SQL | Java | Shell/Bash | JavaScript

Web Development: React | Node.js | GraphQL | Django | NGINX | GitHub Actions | Jest | Cypress | Storybook | Spring Framework | Grails | Kibana | Maven | Gradle

Machine Learning: TensorFlow (Keras), NumPy, MatPlotLib, SciPy

DevOps + Cloud: AWS | Docker | Terraform | Serverless

Databases mySQL | MongoDB | SQLite | Postgres | ElasticSearch

Technologies: ECS | S3 | EC2 | Cloudfront | ELB | Serverless | Edge Functions | SNS | SQS