

## Profile

An experienced software engineer with a proven track record of learning and applying new technology. Adept at building and leading high performing teams, as well as creating, adapting and running Agile delivery processes.

Recent roles have seen me developing SaaS platforms, online marketplaces and data pipelines hosted in AWS using Python, Airflow, Redshift and Postgres; REST and GraphQL APIs using Django, Graphene and DRF as well as Web Applications built with Next.js and Node.

## Current Position

Tech Lead at Pebble, building and iterating the UK's fastest growing online marketplace for children's activities. My role is a mixture of feature and infrastructure engineering, mentoring of colleagues, product ideation and process improvement.

## Clients

Clients that I have worked with include O2, EE, Three, ASOS, Porsche, Acumen, Virgin, BT, Sky, The Times, Random House, OK Magazine, The FT and The Bill & Melinda Gates Foundation, to name but a few.

## Projects

I have worked on SaaS platforms, data pipelines, APIs, database, web and desktop based applications for Identity, Sponsorship, Publishing, e-Commerce, Subscription, CMS, Recruitment and Customer Engagement amongst others.

## Technical Skills

- Python, Django, Graphene, DRF, Airflow
- AWS; Lambda, API Gateway, RDS, Cognito, Cloudwatch, SQS, EventBridge, SNS, Cloudfront, IAM, Secrets Manager, Route 53, Certificate Manager
- Terraform, Serverless, Chef, Vagrant, Docker, Vercel, Heroku, Azure, IIS, Apache, Nginx
- Unittest, PyTest, Jest, Cypress, Mocha, Chai, Cucumber, Watir, Selenium, SpecFlow
- Postgres, Redshift, MongoDB, SQL Server, MySQL, Oracle, SQLAlchemy, Prisma, Linq, Objectio
- HTML, CSS, Next.js, Express, React, Vue, Backbone, Angular, Knockout, MVC, Web API
- Git, SVN, Mercurial, TFS, GitHub Actions, Codeship, Jenkins
- Metabase, Power BI, Matillion, ReDash, ReTool, Airtable

## Employment History

### Pebble | Tech Lead

2021 - present (Python, AWS, Terraform, Next.js)

Pebble is the UK's fastest growing marketplace for children's activities.

My role consists of both hands-on coding as an IC as well as mentoring colleagues, designing and ideating features, managing infrastructure, monitoring and improving observability and metrics and scaling the platform.

Our technical stack consists of Python, Django, Postgres, Next.js, GraphQL, Terraform, Serverless, Sentry, Slack, Stripe + other tools. Our services are hosted in AWS and Vercel.

### 60 Decibels | Director, Tech Lead

2019 - 2021 (Python, JavaScript, SQL, AWS)

60 Decibels is an end-to-end impact measurement company, in my dual role I was responsible for;

- Leading the technical team, hiring and line management of engineers
- Roadmap development, strategy and planning as part of the SLT
- Designing and implementing a platform to productise the numerous services that 60 Decibels offered

### Airfinity | Lead Engineer

2017 - 2019 (Python, JavaScript, SQL, AWS)

Airfinity was a tech startup with the goal of making event sponsorship as easy as placing a Facebook advert. My role encompassed;

- Hiring and leading the technical team
- Architecture, design and development of the SaaS platform
- Setup and running of Agile delivery processes

### 15gifts | Head of Development

2015 - 2017 (Perl, JavaScript, SQL, AWS)

During my time at 15gifts I delivered several key initiatives:

- Introduction of Agile delivery processes, unit testing and continuous integration
- Creation of the testing department and development of automated acceptance test suites
- Recruitment and restructuring of development, testing and operational teams

## Education & Qualifications

### Registered PRINCE2 Practitioner

*FGI Ltd / APM Group | 2008 - 2013*

### BSc (Hons) Computing Science 1st Class

*Staffordshire University | 1997 - 1999*

### Higher National Diploma Computer Studies

*Staffordshire University | 1997 - 1999*

### National Diploma Computer Studies

*Macclesfield College of Further Education | 1993 - 1995*

## Skills & Qualities

- I am a natural leader experienced at building, nurturing and motivating individuals and teams
- I am a fast learner, and can immerse myself in the task at hand
- I have initiative, drive and ambition and am willing to take on responsibility
- I can communicate with both technical and non-technical people effectively
- I thrive on new challenges
- I can bring common sense and humour to bear in most situations

## Hobbies & Interests

- Swimming, Padel and exercising at the gym
- Socialising with family and friends
- Playing computer games and reading, when time allows!

## References

Available upon request

## Employment History (continued)

### Amido | Technical Consultant

*2014 - 2015 (C#, JavaScript, PHP, Azure)*

My role as Technical Consultant for Amido exposed me to the full life cycle of client projects. From pitch through requirements gathering into development and then delivery.

My responsibilities covered solution design, architecture and development mostly using Azure hosted C# APIs, SQL Azure data storage and Azure Service Bus data synchronisation processes.

### Bite Studio | Senior Developer

*2010 - 2014 (C#, SQL, Javascript)*

Bite Studio was a full-service digital software, marketing and design agency. In 2014 Bite was sold to StoryStream, a start-up that Bite Studio incubated as the technical partner.

My responsibilities included; technical leadership and mentorship of the development team, analysis, specification, estimation and production of development work, project management, scheduling and recruitment.

### Penna Barkers | Senior .Net Developer

*2008 - 2009 (VB.net, SQL, Javascript)*

As Senior Developer at Penna Barkers I was responsible for development, administration, maintenance, testing, business analysis, estimation, training and technical recruitment.

### Matrix Data | Technical Project Manager

*2006 - 2008*

Technical project management of financial services marketing services and software products.

### Broadsystem | Technical Architect / Team Lead

*2002 - 2006 (C#, SQL, ASP.NET)*

Technical leadership of projects and line management of developers for direct marketing, subscription and CRM software.

### Caribiner | Applications Developer

*2001 - 2002 (Visual FoxPro, SQL)*

Development and administration of inbound and outbound call centre applications.

### Synectics Solutions | Database Analyst

*1999 - 2001 (SQL, Oracle, Teradata)*

Development of database systems for marketing, financial, mail order and automotive industries.