

FARHAN CHAUDHRY
Junior Software Developer

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PERSONAL STATEMENT

I'm a technology enthusiast with a background in Mechanical Engineering and a passion for problem-solving. My experience in the tech industry, combined with a recent opportunity to travel, inspired me to pursue a career change. I'm now dedicated to becoming a Software Developer, driven by my fascination with code's creative potential and its problem-solving capabilities. I have just finished a Software Development bootcamp at Northcoders, and I'm excited to take the next step in my journey.

TECHNICAL SKILLS

- **Languages** - JavaScript, SQL, Python, Matlab, C
- **Back End** - Node.js, PostgreSQL, Express, Firebase, Docker, AWS
- **Front End** - React, React Native, Expo, HTML5, HTML, CSS
- **Testing** - Jest
- **Version Control** - Git/GitHub
- **Documentation Suites** - Microsoft Office and Google Workspace (inc. Google Data Studio)
- **Project Management** - Jira
- **CAD** - SolidWorks

PROFESSIONAL EXPERIENCE

Junior Software Developer - Northcoders

Jul 2023 - Oct 2023

- Completed a comprehensive 13-week full-stack web development bootcamp with a strong focus on JavaScript, acquiring a wide range of technical skills and knowledge:
 - **Fundamentals** - Core JS, coding best practises, pair programming, Git version control, TDD, OOP
 - **Back-end** - Asynchronous programming, APIs (Express), databases (SQL).
 - **Front-end** - React, DOM, semantic HTML, CSS
- **Solo project: NC News** - Successfully built a news aggregation app, users can log in view and submit articles, filter by topic, comment on articles and vote on them. Implemented a wide range of both front-end and back-end technologies in this project. *Tech Stack: Node.js, Express, PostgreSQL, React, HTML, CSS*
- **Group project: SafeTrakr** - Collaborated on the development of this mobile app designed to enhance personal safety when travelling. The app enable users to automatically text designated contacts when they leave, arrive or are in transit. *Tech Stack: Node.js, Expo, React Native, Firebase*

Senior Installer & Operations Manager - Klevio, London

Jan 2019 - Jun 2023

- Successfully orchestrated global deployment of Klevio devices, leading systems integration and effectively co-ordinating installation teams worldwide
- Spearheaded critical projects including deployment and onboarding of 150+ devices for NHS Property Services, navigating geographical, capacity and time constraints
- Directed logistics and procurement; built an in house inventory system, improving supply chain efficiency, and fostering strong supplier relationships
- Developed tools to gather information concisely from our customers and used data to produce reports & dashboards to inform our operational decision making
- Chaired a weekly operations meeting to problem-solve and foster collaboration across operational, commercial and product development teams

IT Consultant - Praesto Consulting, London

Jan 2018 - Nov 2018

- Primarily worked on an Oracle Customer Hub (OCH) Replatforming project at a large UK based client
- Took the lead in this CRM project, championing data quality enhancements through the implementation of Oracle EDQ. Successfully ensured Oracle Database compatibility and seamless integration with Siebel

- Developed innovative solutions to address data cleansing, matching, clustering, and enrichment challenges, aligning closely with project functional requirements to maintain data integrity and accuracy.

Private Tutor - *Lanterna Education, London*

Sept 2016 - Dec 2017

- Tutoring IB Mathematics and Physics at both Higher and Standard level. Sessions conducted one-on-one online, and to classes of 4-12 students at Regent's University, London, Folkuniversitetet, Stockholm & Bavarian International School, Munich
- Developed and implemented comprehensive lesson plans which accommodate specific levels of learners whilst also offering support to make sure each student can grasp the course material

American University of Beirut - *Summer Intern*

Jun 2016 - Aug 2016

- IAESTE work placement overseeing infrastructure and maintenance systems at Lebanese university. I was exposed to an unfamiliar working environment which I found both challenging and rewarding

EDUCATION

Mechanical Engineering with a Year Abroad (MEng) - *Imperial College London*

2012 - 2016

Upper Second Class Honours (2:1) | Accumulated average: 69.6%

4th Year completed at National University of Singapore (NUS)

- 2nd Year Group Project: *Design Project*; designed & manufactured a replacement rear wheel assembly to motorise a push scooter
- 3rd Year Design, Make & Test (DMT) Project: *Sustainability*; design and manufacture of a low-cost pyrolysis reactor for implementation in rural India
- 4th Year Individual Project: *Optics*; collaborative project with A*STAR Singapore developing a system capable of simultaneous spatial and spectral data acquisition

King's College School, Wimbledon

2003 - 2012

- *International Baccalaureate (IB)*: 42/45 with 3 at Level 7 including Physics and Chemistry
- *GCSE*: 11 at A* including Mathematics, English, Sciences

VOLUNTEERING

Sep 2010 - May 2012

Tutored GCSE level maths to students at Ricards Lodge High School, Wimbledon and taught PE to Year 4 boys at Raynes Park High School with behavioural issues such as ADD and autism

- Both groups presented unique teaching challenges in very different fields, requiring proactive, dynamic and sensitive solutions to overcome issues in understanding
- Helped me to understand the importance of developing motivation in students to encourage enthusiasm in their education, as well as skills such as organisation, patience and understanding ones position of responsibility, essential to teaching

HOBBIES & INTERESTS

- **Sport** - Keen rock climber having picked up the sport in 2015 when I was at NUS. I have had outdoor climbing experience in the UK, France, Thailand and Serbia. Cricket First XI at school and a member of Imperial Cricket society. Team-focused sport in which I've had success as both batter and bowler. Recommenced playing socially in summer 2023
- **Music** - Music enthusiast and record collector. Picked up DJing in university and have played out on boat parties and clubs in both London and Singapore
- **Languages** - Working knowledge of Spanish, Urdu and French. Teaching myself Dutch through audiobooks and mobile apps
- **Video Editing** - Self-taught hobby, also encompassing post-production. Created videos with focus on fast paced editing to music. Owner of a YouTube channel with over 1000 subscribers. I was active on YouTube from approximately 2008-2012