

# Ellis Grouse

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I am an experienced and motivated developer and engineer with an insatiable interest for computing, the Internet and the overall exponential advancement of technology as a whole. I initially started to teach myself HTML, CSS and Java when I was 10 years old and have never looked back, meaning I am skilled in all areas of the development and systems lifecycle - from design all the way through to deployment - and have a lot of experience of constantly learning new technologies and methodologies. I also have some experience in managing a small team as well as working alongside others.

Some other interests of mine include machine learning/AI; electronic music production, DJing, and event promotion; virtual reality systems exploration (and development), anime & manga, a bit of drawing & modern art - plus a little bit of Warhammer 40k on the side.

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## Key Skills

- Full breadth of web application frontend and backend specification, development, deployment and ongoing maintenance
  - Capable of rapidly digesting and adapting to new languages, technologies and methodologies as they become relevant
  - Able to work independently or as part of a team depending on requirements
  - Working to a brief; delivering exactly what has been asked for
  - In-depth knowledge of computing architecture, construction, and systems design and infrastructure integration
  - Collectively close to 25 years of experience - 13 of that being in the professional industry
  - Strong knowledge and experience of Linux based systems including Debian/Ubuntu, Arch, Red Hat, centOS, et. al
  - A huge desire to learn and to gain more understanding
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## Employment History

Jul 2018 - Apr 2024      **Senior Developer**      -      Onstate Ltd, Leeds

- Specification, development and implementation of bespoke back-end middleware applications to integrate novel functionality and API services to SaaS ecommerce
- Implementation of custom front-end UI to external backend, using jQuery and other JS libraries to improve customer satisfaction and overall business throughput
- Design and deployment of development environment and scalable application hosting configuration
- Ongoing maintenance and rolling improvement of existing applications
- Delegation of tasks to, and training/mentoring of junior development colleagues
- Documentation, documentation, documentation
- **Relevant skills:** PHP, MySQL, noSQL, JS, jQuery, Ruby, CSS/HTML; nginx, php-fpm, docker (and compose), SSL configuration, Linux admin/install (Ubuntu/centOS/arch), BASH, login security, debugging, threat detection & mitigation

Jul 2012 - Jul 2018      **Web Developer**      -      Onstate Ltd, Leeds

- Website development and deployment using WordPress, MODX, WooCommerce
- eCommerce development on Salesforce Commerce Cloud (Demandware) and Magento 2
- Bespoke PHP and server-side JS development of back-end integrations and custom plugins
- Liaising with clients & managers to discuss requirements and progress
- Ideas generation and suggestion for profitable venture
- Ongoing maintenance, content updates, software/server installs
- **Relevant skills:** PHP, MySQL, JS, jQuery, CSS/HTML; nginx, apache2, Linux admin & configuration, threat mitigation

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Sep 2009 - Jul 2012      **Web Developer**                      -                      Freelance

- Throughout university and holidays
  - Development of custom client websites using HTML, CSS and PHP
  - Early CMS work and bespoke templates for Joomla and WordPress
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## Education

Sep 2009 - Jul 2012      **Ethical Hacking & Security Systems Design, BSc.**                      -                      University of Sunderland

- **Achieved:** second class honours, first division (2:1)
- Exploration of threat detection and vulnerability mitigation across Linux systems and Windows 7
- Network configuration and implementation (CCNA syllabus)

Sep 2007 - Jul 2009      **BTEC National Diploma in Media (Games Design)**                      -                      Thornes Park College, Wakefield

- **Achieved:** triple merit (MMM) in BTEC
- **Achieved:** B in A2 level Graphic Design

## Other Education

Demandware Development Certification (Feb 2015)

All GCSEs A-C including: Maths, English Lit/Lang, ICT, Design & Technology, Chemistry, Physics, Biology