David James Beitey

Development & Operations (DevOps)

Contact

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About

David is an experienced web developer and project manager, specialising in open source and customised applications. With a client-driven focus and an attention to detail, David applies a specialised knowledge of web technologies and security protocols to his development practices. He is passionate about open source software development, Linux and Python programming, though his skills extend to numerous other aspects of technology, including cloud server and applcation deployment, documentation frameworks, 3D visualisation and more. David contributes back to the community with open-source software, as well fostering local interest in programming and IT.

Profiles

GitHub
davidjb (https://git.io/djb)

Twitter
davidjb_ (https://twitter.com/davidjb_)

Resumé | CV
Open source (https://github.com/davidjb/cv)

Work

James Cook University   2007-07-01 —

Online Technologies Developer   http://www.jcu.edu.au (http://www.jcu.edu.au)

This position consists of working with a range of technologies and departments, though being primiarly focussed on delivering services to research leaders and groups. With the eResearch Centre at James Cook University, this position is responsible for the development and maintenance of web services, virtual servers, and other research applications, primarily as a DevOps role. In addition, the role consists of project management for new services, business analysis for distilling researcher requirements and customer service for support and engagement.

Highlights

- Lead developer of numerous University online projects (jcu.me, Research@JCU, JCU Journals)
- Project manager and developer of eSpaces.edu.au
- System administrator for research systems
- Technical operations for eResearch Centre
- Open source development

Townsville City Council   2007-06-01 — 2007-11-31

Developer   http://www.townsville.qld.gov.au (http://www.townsville.qld.gov.au)

Development of an online database and web interface for documenting security incedients concerning local government, primarily concerning alcohol and substence misuse.

Highlights

- Co-developer of community safety database
- Crystal Reports, ASP .Net and SQL Server provisioning

Volunteer

PyNQ
Founder

2013-10-01 —

http://pynq.org/ (http://pynq.org/)

Local Python programming user and interest group, hosted in North Queensland.

PyNQ
Guest Lecturer

2010-01-01 —

Frequently give guest lectures to Information Technology students with regards to a view to working in the industry, and the best ways to plan ahead during study.

Education

James Cook University

2012-12-03 — 2012-12-06

🎓 **PRINCE2 Foundation**
Training

James Cook University

2008-01-01 — 2008-12-31

🎓 **Information Technology**
Honours

James Cook University

2005-01-01 — 2007-12-31

🎓 **Information Technology**
Bachelors

Awards

Staff Excellence Award

by **James Cook University**

Awarded 2013-12-01

Awarded for lead development of the JCU Research Portfolio (jcu.me), an interactive web profile for all researchers at the University.

Skills

Web Development

- HTML
- CSS
- JavaScript
- Python frameworks (Pyramid)
- Content Management Systems (CMS; Plone)
- Database integration (ORM)

Programming

- Python
- Documentation & frameworks (Sphinx)
- Open source development
- Version control & management

System Administration

- Linux (RedHat, Debian, Ubuntu)
- Server configuration
- Automated systems management
- Web server (Nginx, Apache)

Deployment

- Configuration management (Vagrant, SaltStack)
- Web application hosting
- Cloud hosting (Amazon AWS, OpenStack)

Security

- Web & application security
- Shibboleth (SSO)
- Server configuration
- Testing and analysis

Languages

English

Native speaker

Interests

Technology

- Open source
- Web development
- Python
- Innovation & startups
- Automation
- Security

Home & Garden

- Roses
- Fruiting trees & plants
- Cooking
- Reading
- Travel

References

> Reference coming soon.
>
> **— Professor Ian Atkinson**

> Reference coming soon.
>
> **— Dr Jeremy Vanderwal**