Nick Nelson

Full Stack Web Developer

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EXPERIENCE

Index Newspapers — *Web Developer*

August 2008 - PRESENT

- Worked on all layers of the stack to develop, launch, and maintain multiple large media projects, including:

EverOut

- Developed an event calendar system built on Python, Django, and PostgreSQL
- Created a movie times app front-end with Vue.js
- Set up cloud infrastructure on AWS (EC2, RDS, S3)
- Built systems for caching (using Redis, Elasticache)
- Created data importers to migrate data from different applications

Bold Type Tickets

- Developed features, both front-end and back-end, and applications for an event ticketing system from the ground up, using a proprietary language
- Built and maintained an ecommerce system, allowing clients to create and sell tickets to all kinds of events, view reporting, and create and manage custom event and venue sites
- Built an accounting system using Ember for managing payouts to clients
- Developed RESTful APIs to connect third-party applications to the ticketing system
- Integrated external hardware systems, such as Dymo and BOCA prints, into the application

Foundation

- Translated client provided mockups to fully functioning websites using the Foundation CMS

The Stranger/Portland Mercury

- Developed features and maintained and supported multiple large newspaper, event, and blogging websites
- Set up and managed ad server through Google Ad Manager

SKILLS

- Object-oriented programming, API design, query optimization
- Front-end development, UI/UX design
- Deployment systems, automated testing
- Managing server infrastructure though AWS
- Hardware integration
- Freelance work

TECHNOLOGIES

- **Languages**: Python, Javascript, ev
- **Backend Frameworks**: Django, Gyrobase
- **Frontend Frameworks**: Vue, Ember, jQuery
- **Data stores**: PostgreSQL, MySQL, Redis
- **Deployment**: Grunt, Webpack, AWS EB
- **AWS**: EC2, S3, RDS, Elastic Beanstalk, Elasticache, CloudFront, IAM
- **Monitoring/APM**: Datadog, Sentry, Bugsnag
- **CSS**: LESS/SASS

EXPERIENCE (cont.)

F5 Networks —Web Services Developer

September 2007 - July 2008

- Worked with a team developing and maintaining a large business website
- Developed multiple internal tools for business and project management Implemented coding standards and mark-up validation
- Resolved web support tickets

Freelance — *Web Designer/Developer*

May 2006 - March 2011

- Designed and developed websites and Wordpress templates for local businesses
- Clients include: BoomSwagger Salon, Soul Tree Recording, Tri-County Mech-Elect, Elliot West Cafe (through F5), AKA: DUO (through AIS), Loucks & Buren Orthodontics (through Sesame Communications), Synesthesia Garden, Dre Poirier Sounds

EDUCATION

Art Institute of Seattle — *Associates of Applied Arts, Interactive Media Design*

October 2005 - September 2007

- Coursework Includes: UI Design, Scripting Languages, Motion Graphics, Flash, 3D Modelling
- Achievements: Part of Student Studio, an in-house design group for honor students. Built and designed website for a non-profit group.