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Anand Chandran

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TECHNICAL SKILLS

- Programming Languages: JavaScript, Python, Java

- Front-End Tooling: jQuery, React + Redux (MVC), Jasmine (unit testing), webpack

- Related Technologies: HTML, CSS (including Bootstrap), git, linux, command line, vim

EXPERIENCE

Junior Software Developer, PAAL Technologies (Ronkonkoma, NY) *2014-present*
- Developed a set of programs for automated circuit board and transformer testing in conjunction with HP impedance analyzer via GPIB, resulting in a faster testing process with higher failure detection rate

- Developed series of Python scripts for template and form generation to handle extensive documentation requirements for ISO-certified manufacturing process

System Administrator, PAAL Technologies (Ronkonkoma, NY) *2012-2014*
- Created website (front-end and back-end) using html/css on a LEMP (Linux, nginx, MySQL, PHP) stack, including basic DNS setup and mail configuration

- Installed and maintained an Ubuntu remote server, including security using SSH keys, fail2ban, firewall configuration

Student Programmer, Bioinformatics Department, Stony Brook University
(Stony Brook, NY) *2009-2011*
- Developed keyword-based tagging and search web application for classification of medical school lectures and curriculum analysis

- Developed prototype of an iPad program for patients to input recent symptoms and for doctors to record and retrieve diagnoses and notes from prior visits

- Extensively used object-oriented programming, relational database management, and agile development methodologies for web apps using Java, C++, ColdFusion, SQL, Python and others

EDUCATION
Stony Brook University, (Stony Brook, NY) *2011*

BA Mathematics, Stony Brook Honors College