

E.V. House,
Chevayur P.O, Kovoov,
Kozhikode - 673017

+91 8891 72 43 72

jaseemabid@gmail.com

https://github.com/jaseemabid

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Jaseem Abid

Education

- 2009 - 2013 **Bachelor of Technology in CSE**, *National Institute of Technology, Calicut*, 6.5 CGPA.
2007 - 2009 **Higher Secondary**, *Rahmania HSS*, Calicut, 92%.
1995 - 2007 **Matriculation**, *Chinmaya Vidyalaya*, Calicut, 92%.

Areas of Interest

- JavaScript, node.js, MVC, rich web UI, data visualizations, canvas, SVG
- Version control systems, proficient with git scm
- Functional programming, emacs lisp, emacs

Work Experience

- 2012 - 2013 **Lead UI developer**, *Healthlucid*, <https://healthlucid.com/>.
(7 Months) Designed and built a competitive UI stack for a Silicon Valley based healthcare startup as the only front end programmer with Ruby on Rails, backbone.js and twitter bootstrap. Was responsible for everything other than the REST API
- 2012 October **JavaScript Developer Intern**, *Hashcube.com*, Bangalore.
Worked with the team to port a social game on facebook platform from vanilla JavaScript to jQuery and backbone MVC
- Winter 2011 **Android Developer Intern**, *Aufait*, Kozhikode.
Developed a native business product catalog application for Android in Java with various features

Projects

- Title **Libnodegit**, Native git bindings for node.js with libgit2
- Description Libnodegit bridges the gap between node.js and git, allowing access to git repositories from JavaScript. Written primarily in C++ using Google's v8 API. Extensive tests with mocha. Work in progress for cross platform compatibility, installation with NPM and asynchronous bindings. Inspired by a more feature rich, ruby version that powers github.com called *grit*
- Technologies C++, Google v8, libgit2, node.js, gyp, BDD with mocha, git, JavaScript/CoffeeScript
- Source <https://github.com/jaseemabid/libnodegit>
- Title **Paathshaala**
- Description Media repository written in PHP, PostgreSQL, CouchDB & JavaScript. **Won national level competition on DB design** and got featured in LinuxForYou magazine May '11 issue as a case study for enterprise use of PostgreSQL database. The project used HTML5 to play multimedia without plugins, fast page loads with client side rendering and real time conversations with couchDB and long polling

Title	BAJA SAE India
Description	Marketing & logistics head of teamunwired.org, the only successful team ever from Kerala. Designed and manufactured an All Terrain Vehicle, participated in the racing event held at Pitampur, Indore during Feb 2012 and secured 16th place overall out of the 250+ teams with multiple category awards.
	Miscellaneous projects
Contributor, gitweb	Complete rewrite/port of the JavaScript in gitweb. Proposed Google Summer of Code '12 project. Modernized the JavaScript code using standard ajax libraries (jQuery). <i>Project was not completed</i>
Contributor, gedit	Improved language support with updated HTML and JavaScript snippets
Web design	Designed and maintains http://teamunwired.org

Technical skills

Programming languages

Proficient	JavaScript/CoffeeScript, HTML/HAML, CSS/SASS/LESS, C, Ruby, shell scripting (bash/zsh/eshell), comfortable with functional, OO and event driven programming
Comfortable	C++, Python, Emacs lisp, SQL (MySQL and PostgreSQL), L ^A T _E X2 _ε , PHP, GNUMake
Familiar	Java, Lex, Yacc, Perl

Frameworks & Libraries

Proficient	Ruby on Rails, Python - Flask, Node - express.js/compound.js. Numerous javascript frameworks including jQuery, YUI, D3, Backbone etc
Comfortable	Content Management Systems - Drupal, Joomla and WordPress

Miscellaneous

	Very good understanding of HTTP & REST. Fairly comfortable with popular web servers like Nginx & Apache
	Fairly comfortable with linux based system administration. Maintained Debian based servers and mirrors. Good understanding of archlinux/systemd
	Comfortable working with the command line. Experienced in maintaining remote Rails instances on AWS
About me	Free software advocate active with various FOSS communities. Organized FOSSMeet at NIT Calicut, one of the largest FOSS conferences in India. Versatile problem solver. Good team player. An avid reader on technology. Public speaker, trainer.