Alexandru Niculae
**alex2august@gmail.com**
https://github.com/alexnix

## Education

- 2013 – 2017 Faculty of Electronics, Telecommunications and Information Technology, University Politehnica of Bucharest
- 2009 – 2012 National High School of Computer Science "Tudor Vianu", Bucuresti
- 2005 – 2008 National High School "Mihai Eminescu", Bucuresti

## Professional Experience

- Microchip Intern
- Ixia Intern
- Project based colaborator at AHS Romania as "Wordpress Developer"
- Accepted contributions to Mozilla Firefox during CDL 2014 course (organized by Ross Edu[1])
- Participated at WebDev 2014 (organized by Roses Edu)
- Speaker at WebDev 2015 on Angular topics
- Mentoring at WebDev 2015 final hackathon on front-end issues
- Participated at IoT Summer School[2] organized by Faculty of Automatics and Computers
- UpWork.com freelancer
- StockLogos.com freelancer
- Web sites created as freelancer on the above mentioned platforms
- Participated at MobilPro[3] 2014 mobile application contest
- Participated at Java Competition by Oracle[4] 2014 mobile application contest
- Completed extra-curricular course DAAI for Android Applications at Faculty of Electronics, Telecommunications and Information Technology
- Participated at Innovation Labs 2016[5]
- Won 3rd prize at MobilPro 2015 mobile application contest on categories: mobile applications and IoT

## Certifications

- CCNA 1 R&S – Telecom Academy[6]
- Java SE Fundamentals – Telecom Academy
- ECDL Complet
- Informatics Certification

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[1] http://www.rosedu.org/
[2] http://wiki.cs.pub.ro/studenti/summer-schools/2015/iotsummerschool
[3] http://mobilpro.lse.org.ro/
[4] http://java.jaromania.org/
[5] http://www.innovationlabs.ro/
[6] http://www.telacad.ro/

# Skills

- Develop React.js applications using tools specific to React Ecosystem[7] such as Redux (flux-like architecture), Weback (build tool), ES6 Javascript syntax (compiled by Babel)
- Use Angular 1 framework
- Use Yeoman Generator Angular Fullstack (MEAN Stack)
- Expert on node.js; and npm
- Use Bower (front-end oriented package manager)
- Use Express.js (node.js web server), Passport.js (node authentication framework), Grunt.js (javascript build tool)
- Develop Wordpress themes using: HTML/HTML5, CSS/CSS3, PHP, JavaScript, AJAX (jQuery)
- Use SQL (MySQL) and NoSQL (Mongo, Arango, nedb) databases
- Develop a SEO strategy
- Use C, C++, Java, node.js languages
- Design and develop API servers
- Native Android applications development on Model View Presenter architecture using tools like: Butter Knife, Okhttp, Retrofit
- Cross platform mobile application development using Ionic or Phonegap
- Use Git (GitHub, BitBucket)
- Use Linux
- Develop embedded systems using Microchip microcontrollers and Microchip Code Configurator
- Work in a Scrum environment using collaborations tools such as Trello and Slack
- Photo editing and manipulation using Adobe Photoshop, Adobe Lightroom
- Vector graphics design using Adobe Illustrator
- Teamwork fan
- Ability to learn new stuff
- Advanced skills in English
- Beginner skills in French

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[7] http://www.slideshare.net/fitc_slideshare/an-overview-of-the-react-ecosystem