

PERSONAL INFORMATION



Petcu Adrian

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Sex Male | Date of birth 09/07/1992 | Nationality Romanian

WORK EXPERIENCE

21 Sep 2017–Present

Senior Javascript Developer

ING Romania, Bucharest

Develop functionality for ING's banking app Home'Bank in Angular 1.6.

- Perform code reviews and training for junior users
- Refactor SCSS code and implemnet HTML5&CSS3 based on UX resources
- Started app migration to ES6 and configured eslint rules for sanity-check jobs
- Created Polymer POC
- Wrote unit tests in Jasmine + Karma and fixed existing texts that were broken
- Implemented versioning and branching systems so that there is a better use for versioning in relationship with bugs and stories developed
- Created auto-app-publish to Appstore Testflight using fastlane ruby scripts
- Improved Jira workflows and story/bug templates and reduced ping-pong between developers and QA team members
- Improved communication between UX and UI teams for workflow and resource-sharing
- Held workshops on various themes like: Git branching strategies, squashing and rebasing; Progressive Web apps

15 Nov 2016–21 Sep 2017

Team Leader

IBM Romania, Bucharest (Romania)

Played a key role in building next-generation web applications with the following responsibilities:

- Evaluate and propose improvements for front-end code
- Work closely with back-end developers and business teams, advising on front-end technical decisions for technical implementations
- Contribute to the development of new solution designs
- Proactively prioritize & update the Front End development issues on a day-to-day basis in order to meet deadlines
- Design the software architecture for new modules/tasks, discuss it with the people involved
- Provide guidance, instruction, direction to the team members
- Provide technical advice to members in the business / solution design teams
- Perform code review and provide training materials and effective feedback to junior team members
- Made sure that the tasks were delivered in time and blocking issues for team members would be solved as soon as possible

21 Mar 2016–21 Sep 2017

Front End Developer

IBM Romania, Bucharest (Romania)

Front end developer. Developed multiple websites using HTML5, CSS3, JS. Worked mostly with

AngularJS and Angular 2 but also with NodeJS and Cloudant for backend and database storage.

- Developed hybrid mobile apps using Cordova (Worklight), Ionic and MobileFirst platform.
- Web development from wireframes and designs (Bootstrap3, AngularJS, jQuery)
- Created various tasks for Gulp and Gulp in order to minify CSS, JS, transpile ES6, compile SASS code and better structure my application.
- Created server environments using Bluemix Cloud or Firebase
- Experience with creating Single Page Applications from scratch using AngularJS
- Used Node Package Manager to install app dependencies (Gulp, Bower, Bootstrap, Ionic)
- Worked with Agile methodology

2 Feb 2015–1 Oct 2017

Full stack web developer

Romanian Radio Broadcasting Company / Radio România, Bucharest (Romania)

Maintenance for the www.romania-actualitati.ro website. Added new features, Full redesign implementation for the website, bug fixing and maintenance. Technologies used: Backend: CakePHP 1.3, Frontend: HTML5, CSS3, JS(jQuery)

1 Sep 2013–1 Mar 2016

Full stack web developer

Inksect, Bucharest (Romania)

Developed projects using CodeIgniter, Wordpress and Magento. Implemented designs and wireframes to meet the client requirements.

Technologies & tools: PHP, NodeJS, MySQL, MSSQL, HTML5, CSS, JavaScript, Git, SourceTree, Agile, Jira

1 Oct 2006–29 Feb 2016

Full stack web developer

Freelance, Bucharest (Romania)

Freelancer for more than 200 website projects. Created web applications from scratch (front-end design in Photoshop, implementation with HTML&CSS&JS for frontend and PHP for backend). Design cut from Fireworks projects and implementation using PHP&MYSQL + HTML& CSS & JS.

Technologies used: PHP, HTML5, CSS3, Javascript (jQuery), MySQL

1 May 2012–1 Oct 2015

Vice President

Electronics Students' League

Bld. Iuliu Maniu 1-3, Cam 228, 061071 Bucharest (Romania)

<http://lse.org.ro>

- Management of logistic and financial resources of the organisation
- Supervised the organisation's projects so that they were carried out in a good manor.
- Helped increase the organisation visibility among the students
- Represented the students in the Faculty and University Committees

Business or sector Student events

EDUCATION AND TRAINING

1 Oct 2015–Present

Master's degree in science (M.sC) in field of Applied Electronics

Faculty of Electronics Telecommunications and Information Technology, Bucharest (Romania)

- Matlab programming and Simulink modelling
- Complex algorithm programming and artificial intelligence
- Power Electronics

1 May 2015–1 Aug 2015

Bachelor's degree in science (B.sC) in field of Applied Electronics

Ecole nationale supérieure de l'Electronique et de ses Applications, Cergy (France)

ERASMUS + Student exchange 01 May - 31 Jul

"Study of a green network" - Developed a system to monitor renewable energy sources and obtain the maximum power (MPPT) from PV(Photovoltaic) and WG(Wind generator) with Matlab and Simulink

1 Oct 2011–7 Jul 2015

Bachelor's degree in science (B.sC) in field of Applied Electronics

University "Politehnica" of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, Bucharest (Romania)

Electronics, Telecommunications, Networking, Microwaves, Measurement - Audio / Video , Programming (MatLab, SimuLink, C++, Java, SQL)

12 Sep 2007–15 Jun 2011

Bacalaureat

"Anastasescu" National College, Roşiorii de Vede (Romania)

Physics , Mathematics , Informatics

12 Sep 1999–15 Jun 2007

Graduation Diploma

"Mihai Eminescu" Primary School, Roşiorii de Vede (Romania)

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C1
Cambridge Certificate in Advanced English					
French	B1	B1	B1	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

I have improved my communication and social skills during the youth projects in wich I participated in Turkey, France and Romania and also during my term as Vice President of the organization "Electronics Students' League"

Organisational / managerial skills

- Ability to delegate and to keep calm in critical situations.
- Management and leadership skills.
- Member in the students board at the Faculty of Electronics, Telecommunications and Information Technology and in the University Senate at Politehnica University of Bucharest

Job-related skills

- Ability to create clean and efficient code
- Can easily adapt to new programming languages
- Advanced knowledge of:
 - HTML5, CSS3, Javascript
 - PHP, NodeJS, MySQL
- Frameworks used:

- **FrontEnd:** AngularJS, jQuery Mobile, Ionic, Bootstrap
- **BackEnd:** CakePHP, Laravel, CodeIgniter
- Good knowledge of Git and Agile methodology

Driving licence B

ADDITIONAL INFORMATION

Conferences

- Internet and Mobile World 2016
- Droidcon 2014, Bucharest - Project MobilPRO
- DevWorld, Bucharest 22-23 March 2012

Volunteering

Electronics Students' League - Honorary Vice President

Youth Projects

- "Don't Stop Make It Slow" - Izmir, Turkey - 2012
- "European youth and voluntary help" - Bordeaux, France - 2011
- "Civical responsible youth of today are the warranty of tomorrow's democracy" - Youth forum - 2009
- "Initiation in Leadership" - A.N.S.I.T (27 April - 3 May 2008) - Costinesti

Honours and awards

- "Roberto Rocca" Scholarship - 2013 - 2014
- "Physics and mathematics olympiads - County stage 2010, 2011" - Honorable mentions
- "National contest of Mathematics and Physics "Vranceanu-Procopiu" 2010" National stage - Honorable mention

Hobbies

Travel, Skiing, Music, Movies, Swimming