

Benoît Hubert

FULL-STACK JAVASCRIPT DEVELOPER · WEB DEVELOPMENT INSTRUCTOR

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Education

ENIB / Université de Rennes 1

Brest (FR)

POSTGRADUATE DEGREE

Sep. 2001 - June 2002

- General, research-oriented computer science degree.
- Specialty: distributed systems and parallel computing.

Ecole Nationale d'Ingénieurs de Brest (ENIB)

Brest (FR)

ENGINEERING DEGREE

Sep. 1997 - June 2001

- Generalist engineering disciplines: electronics, servo systems, mechanics.
- Specialty: industrial computing.

Skills

Programming	JavaScript, TypeScript, PHP, Java, Ruby, Golang, C, x86 ASM
Backend	Express, NestJS, Sails.js, Sequelize, TypeORM, Laravel, Spring, MySQL, PostgreSQL, MongoDB, Redis
Frontend	HTML5, CSS3 (Bootstrap, Tailwind, Sass), React, Vue, Svelte, Ember, jQuery
Testing	Jest, Mocha, Chai, WebdriverIO
Tools	Git, GitHub, Travis CI, Trello
DevOps	Debian, CentOS, Bash scripting, Docker, Nginx, Apache, Lets Encrypt
Languages	French, English (646 points on TOEFL Paper-Based Test), Spanish

Experience

Wild Code School

Toulouse (FR) / Remote

JAVASCRIPT INSTRUCTOR / CONTENT EDITOR

Feb. 2018 - Apr. 2021

- Teach web development fundamentals: front-end (HTML, CSS, JS, React), back-end (Node.js, Express, SQL).
- Supervise student projects, esp. end-of-term projects with real clients.
- Create and improve teaching materials for the JavaScript curriculum.
- Develop an app for content feedbacks analysis, create and maintain APIs.

Freelance

Toulouse (FR)

WEB DEVELOPER AND INSTRUCTOR

Apr. 2016 - Nov. 2017

- Course on JavaScript and jQuery at IPI (Institut Poly Informatique)
- TextBeans, web marketplace for English texts translation and correction: Node.js/Express, AngularJS.
- Websites for small companies in Toulouse and Rennes: PHP, WordPress, JavaScript, jQuery.
- Contributions to Red Pesto / ElsieApp, a web-based language school management solution: PHP, Laravel, MySQL.

Payname / Morning

Toulouse (FR)

REST API LEAD DEVELOPER

Oct. 2015 - Apr. 2016

- Develop payment API v2, a secure payment solution for e-commerce websites: Sails.js, PostgreSQL.
- Develop and maintain a PHP SDK, to facilitate the integration of the API.
- Provide telephone and email support for API customers and integrators.

Altran / CareStream

Toulouse (FR)

WEB DEVELOPMENT ENGINEER

Mar. 2012 - Nov. 2013

- CareStream dental: imaging hardware and software for dentists offices.
- Lead developer on CS Connect: dematerialization of paper-based forms with dental prosthesis parameters.
- PHP5, MySQL, HTML5, CSS, JavaScript, jQuery.

Freelance

Toulouse (FR)

WEB DEVELOPER

May 2010 - Nov. 2011

- WordPress websites for small companies and non-profits in Toulouse and Rennes.

Cité de l'Espace

Toulouse (FR)

SCIENTIFIC GUIDED TOUR LEADER

Jan. 2009 - Jul. 2009

- Lead guided tours of the Cité, aimed at the general public.
- Operate the planetarium and animate 30-minute sessions.

CS GROUP

Toulouse (FR)

SOFTWARE ENGINEER

May. 2008 - Nov. 2008

- Development on the Airbus A380 FCDC embedded software: C, Perl, Adobe Frame Maker, SVN.
- Development of a GUI app for the IRSN (nuclear safety): C++, XML, XSLT, XSL-FO, Qt; Visual Studio, SVN, StarUML, Altsoft XML2PDF, Apache FOP.

X-Prime

Toulouse (FR)

WEB DEVELOPMENT ENGINEER

Jan. 2008 - Mar. 2008

- Corrective maintenance of a web-based CRM solution for Orange; PHP, Symfony 1.2, MySQL, JavaScript, Zend Studio, SVN, FlySpray.
- Correction of data encoding and updates on a customer database for France Télécom; MS SQL Server 2000.

Institut d'Astrophysique Spatiale

Orsay (FR)

SYSTEM AND NETWORK ENGINEER

Oct. 2006 - Aug. 2007

- Automation of CentOS Linux installation on new servers.
- Network services setup: bind, OpenLDAP, Apache, NFS, Samba, VRRP, DRBD, etc.
- Compilation and installation of custom scientific software and libraries.
- IT support to all staff members, on various environments: Windows, Linux, Mac.

Institut de Recherche en Informatique et Systèmes Aléatoires

Rennes (FR)

HPC INTERN AND SOFTWARE ENGINEER

Apr. 2002 - Apr. 2003

- PARIS research team, dedicated to High-Performance Computing.
- Work on the PadicoTM project: runtime for developing and deploying distributed applications on heterogeneous clusters.
- Modification of the Open Source JVM Kaffe, for PadicoTM integration: C, Java, UNIX programming (pthread, socket).
- Development of a GUI aimed at facilitating deployment and management of applications with PadicoTM: Java/Swing, JNI, Jgraph, Xerces, SOAP.
- As an intern: study factors affecting the performances of OpenMP applications on clusters, with Distributed Shared Memory.

Magnetic Solutions Ltd.

Dublin (IE)

HARDWARE AND SOFTWARE DEVELOPMENT INTERN

Jul. 2000 - Jan. 2001

- Implement the design of a magnetic fields measurement electronic card, as an actual prototype.
- Investigate and fix the existing design's accuracy issues.
- Create the layout of the card with Eagle CAD software.
- Develop software for the card's PIC microcontroller and for PCs, to allow control of the card from a computer; C language.

Interests and Hobbies

ASHTANGA YOGA

2007 - Present

- Practice from 2007; Teacher Training at the Ecole Française les Ailes du Yoga from 2011 to 2014.
- Teaching regular classes at YogaToutCourt from Oct. 2015 to Jun. 2018, from 1 up to 10 classes per week.

TRAVEL

2009 - 2014

- Two long travels (3+ months) to South America (Peru, Mexico) in 2009 and 2011.
- Travel to Mysore, India in 2014, in order to perfect my yoga practice.

MUSIC

2007 - Present

- Play guitar in a folk music band, occasionally giving concerts.