



# Will Schaller

## Full Stack Developer

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github.com/dambusm  
Jens Baggesens Vej 110, 3 tv.

### Experience

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<b>Freelance Software Developer</b>	<b>Self employed</b>	<b>Jan 2016 - Present</b>
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- Undertook an extended period of travel and volunteering, during which I self taught in software / web development, worked on several startup ideas, and engaged in freelance web development and project management.

<b>Software Project Manager</b>	<b>Codethink Ltd. (Manchester, UK)</b>	<b>Jan 2014 - Jan 2016</b>
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- Linux / open source systems consultancy. Managed multiple projects including:
  - Android emulator (for Win & OSX) for *Xamarin*
    - 12 month project, from initiation through maintenance, delivered to hard release deadline
  - Improving embedded Linux IVI system for *Jaguar Land Rover*
    - Led a team of 10 senior engineers, working at the client site on a very time sensitive and high pressure project, to solve major issues of reliability and speed.
  - Open source community management, codebase improvements for *GENIVI Automotive Alliance*
    - Directed collaboration between internal and external contributors, with multiple stakeholders

### Education

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<b>Ironhack Barcelona</b>	<b>Jun - Aug 2018</b>
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Web Development Bootcamp

<b>Heriot-Watt University, Edinburgh, UK</b>	<b>2012 - 2013</b>
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MSc - Strategic Project Management. **Classification: Distinction (Danish equivalent ~ 12)**

<b>The University of York, UK</b>	<b>2008 - 2011</b>
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BSc (Hons) – Psychology. **Classification: 2.1 (Danish equivalent ~ 10)**

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<b>Software Projects</b>	<b>More at: <a href="https://dambusm.github.io/portfolio">dambusm.github.io/portfolio</a></b>
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#### Screenplay – MEAN stack web app

- A cloud based video editor with a unique interface. Winner of Ironhack Hackshow Aug 2018.
- Express backend running on Google Cloud App Engine
- Complex Angular frontend with dynamic user interface built from scratch
- Video conversions (ffmpeg) and video rendering (mlt) performed with serverless cloud functions
- Connects to IBM Watson's speech recognition API to generate video transcriptions
- Utilized: MongoDB, Angular 6, Express, TypeScript, Sass, Node.js, Google Cloud, Firebase

#### PackApp – MEAN stack web app

- An open source, cloud based build service that packages websites into webview based Android APKs
- Angular frontend, Express backend with MongoDB storage
- Linux build server building java Android apps with gradle and shell scripts
- Utilized: MEAN stack, Java, Android Studio, Gradle, Shell scripting, Google Cloud

#### Gigx – Server rendered web app

- Open source Netflix style video streaming app with user authentication and file uploads
- Backend rendered Express app, using Handlebars templating engine
- Set up a media conversion pipeline with AWS Elastic Transcoder & a live streaming RTMP server

### Skills

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**Tech:** (*proficient*): JavaScript ES6, HTML5, CSS3, TypeScript, Angular, MongoDB, Express, Node.js, Sass, Git, Unix  
(*familiar*): C#, Java, React, Android, jQuery, Agile

**Languages:** English (native), Spanish (fluent), German (intermediate), Danish (beginner)

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