

# Miloš Simić

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Senior fullstack engineer with 12+ years of experience building scalable, product-focused web applications using React, NodeJS, and PHP. Long-time JavaScript community organizer and mentor.

## Skills

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Javascript, React, NodeJS, ExpressJS, PHP, SQL, GraphQL, WebRTC, WebSockets, Docker, Git

## Experience

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- **Senior software engineer**, Byhiras, London, UK - September 2022 - present (3 years 9 months)
  - **Architecture & Tech Debt:** Led the critical upgrade of core legacy stacks (including **React 17** and **Node.js 12**), successfully resolving EOL compliance, eliminating tech debt, and improving overall system security and performance.
  - **Component Standardization:** Audited the frontend codebase to eliminate redundant libraries, streamlining the UI development process toward a standardized component library.
  - **Team Efficiency:** Developed comprehensive system documentation and a new onboarding guide, slashing local environment setup time from a full day to just a few hours.
  - **Open Source Contribution:** Contributed directly to an open-source charting library to unblock and deliver requirements on time.
- **Senior software engineer**, StuRents, London, UK - October 2015 - September 2022 (7 years)
  - **Frontend Modernization:** Introduced React by delivering a greenfield customer support application, establishing the foundation for the company's modern frontend stack.
  - **SEO & Growth:** Built high performance, crawlable web pages using Next.js (SSG), improving Google SEO rankings and organic user acquisition, and dropping page load to 0.5 seconds.
  - **Real-Time Communication:** Designed and implemented an internal, peer-to-peer audio-video chat application using WebRTC and WebSockets.
- **Software engineer**, Bal Lab, Belgrade, RS - May 2013 - Aug 2014 (1 yr 4 months)
  - **Tech:** PHP Codeigniter, MySQL, Apache Cassandra, Backbone.js
  - **Dev and maintenance:** AdTech and social network web applications, collaborating with Product Managers to deliver new features and integrate payment gateways via **PayPal SDK**.

## Projects

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- **Algorithmic trading app** - A low latency automated trading platform integrating live WebSocket data streams and custom algorithms with Node.js (Express) and React. Leveraged Playwright for real-time web scraping of market indicators to support rapid decision making workflows.
- **Co-organiser**, [JSMonthly](#) | [CityJS Conference](#), London UK
  - Co-organized and scaled a monthly JavaScript community meetup, consistently averaging 70–80 attendees per event through targeted community outreach and speaker curation.
  - Co-organized the popular CityJS international conference and independently drove the initiative to expand the event to Belgrade, Serbia, managing local operations, venue logistics, and community engagement.
- **Course instructor**, CodeFirst:Girls
  - Volunteered as an instructor for an 8-week "Intro to Web Development" course at Birkbeck University of London, mentoring women pivoting into tech ([link](#))

## Education (2009-2015)

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The Faculty of Organisational Sciences, University of Belgrade, Serbia — Engineer of organisational sciences  
Activities: Member of FONIS - Information Technology Students' Association