

# NIKOLA BURSAC

## SOFTWARE ARCHITECT & TECHNOLOGY LEADER

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### EXPERTISE

- Fintech
- Insurtech / Insurance
- Cyber Security
- Payments
- API Design/Consumption
- Internal tools
- Analytics
- Business Intelligence
- eCommerce

### TECHNOLOGIES

- PHP (24 years)
- JavaScript (23 years)
- MySQL (20 years)
- Laravel (9 years)
- Vue.js (6 years)
- Clickhouse
- Heatwave
- TypeScript
- CI/CD (Bash)
- AWS
- GCP
- Docker
- Node.js
- Nuxt.js
- SAML 2.0
- OpenID Connect/OAuth2
- nginx
- GraphQL
- OpenAPI
- REST API
- Sentry
- Jira / Agile

### CAREER SUMMARY

I am a seasoned technology leader and software architect with a quarter-century of experience in building software solutions. Throughout my career, I have held key roles in various organisations, leading teams and driving technological innovation.

### EXPERIENCE

#### HEAD OF SOFTWARE DEVELOPMENT / HANDS-ON TEAM LEAD

BUCKHILL LTD. | LONDON / ZAGREB | SEP. 2012 - SEP. 2023. (11 years)

Fintech · B2B · Security · Enterprise · Insurance · Payments · API · Cyber Security

- Design, development, and maintenance of InsurTech Platform As a Service with Multi-Cloud deployment support
- The principal architect behind C2MS Policy Rating Engine technology, driving research, testing, implementation, and deployment
- Principal architect and lead developer behind C2MS Claims API service
- Designed and developed an Identity Access Management (IAM) platform with Multi-Factor authentication capabilities, supporting hardware Yubikey tokens, using SAML 2.0 and OpenID Single Sign-on protocols
- Automation architect envisaged and implemented AutoDevOps CI/CD procedure for multi-cloud automated deployment and delivery for testing and production environments
- Drove philosophy 'code as documentation,' enforced documenting APIs using OpenAPI standards
- Led R&D team creating internal tooling targeted at generating GraphQL and OpenAPI schemas for API documentation aimed at 1st and 3rd party implementation support

**PRIMARY TECHNOLOGIES:** PHP, AWS, TypeScript, GCP, Node.js, Vue.js, MySQL

#### SENIOR SOFTWARE DEVELOPER / TEAM LEAD

BUCKHILL LTD. | LONDON / ZAGREB | JAN. 2009 - SEP. 2012. (3 years 8 mo.)

Fintech · B2B · Security · Enterprise · Insurance · Payments · API · Cyber Security

- Led the R&D team in developing an InsurTech PaaS product for the Insurance industry.
- Evaluated cloud platforms to establish a solid foundation for our PaaS InsurTech solution.
- Implemented coding standards, development processes, and best practices, resulting in high-quality software delivery.
- Managed cross-functional teams and fostered a collaborative work environment, mentoring and coaching engineers for optimal performance.

**PRIMARY TECHNOLOGIES:** PHP, CSS, JavaScript, Linux, MySQL, Windows Active Directory

## SENIOR SOFTWARE DEVELOPER

*BUSINESS2WEB LTD. | LONDON | DEC. 2006 - JAN. 2009. (2 years 1 mo.)*

**Agency providing services to small business in UK · B2C · Retail · Design**

- Developed and provided expert consultation on e-commerce solutions.
- Successfully implemented emerging cloud technology to enhance company operations.
- Pioneered the development of veterinary practice software.
- Created CRM systems tailored for small businesses in catering services.

**PRIMARY TECHNOLOGIES:** PHP, AWS, CSS, HTML, JavaScript, MySQL, REST API

## SENIOR SOFTWARE DEVELOPER

*PROGRESSIVE TECHNOLOGIES LTD. | JUN. 2004 - DEC. 2006. (2 years 6 mo.)*

**Agency for website and bespoke software development · B2B · eCommerce**

- Application development related to E-commerce space.
- Designed and developed CRM for handling recurring re-ordering with online payment integration.

**PRIMARY TECHNOLOGIES:** PHP, JavaScript, MySQL, REST API

## SOFTWARE DEVELOPER

*WEB BURZA LTD. | APR. 2003 - JUN. 2004. (1 year 2 mo.)*

**Agency providing services in areas of E-commerce and TV · B2B · Digital Media**

- Bespoke website and software development related to various fields of E-commerce and television.

**PRIMARY TECHNOLOGIES:** PHP, JavaScript, MySQL, REST API

## SOFTWARE DEVELOPER

*PC CHIP COMPUTER MAGAZINE | FEB. 2002. - APR. 2003. (1 year 2 mo.)*

**B2B · Digital Media · Publishing Media**

- Designed and developed magazine's in-house server-based content collaboration software used to create the magazine's monthly CD/DVD release with shareware programs.

**PRIMARY TECHNOLOGIES:** PHP, JavaScript, MySQL, REST API