

Maximilian Garmatsch



Welcome to my Portfolio.

These are my most notable projects since completing my Bachelor of Science degree in 2009.



Startup: Building a personal brand and creating a reusable codebase for future projects

Mar 2020 - June 2020



Freelancer: Lead Frontend Architect and Developer

5 Months: Sept 2019 - Feb. 2020



Contractor: Engineering Manager / Product Manager / Fullstack Developer

3 Years: Mar 2017 - July 2020



Freelancer: Frontend Developer

7 Months: Feb. 2019 - Aug. 2019



Founder: Training junior developers and connecting them with employers

2,5 Years: Apr 2018 - Sept 2020



Freelancer: Fullstack Developer

1 Year: Feb 2017 - Jan 2018



Freelancer: Frontend Developer

1 Year, 10 Months: Jan 2014 - Oct 2015



Freelancer: Fullstack Developer

2 Months: Oct 2013 - Nov 2013



Freelancer: Frontend Developer

4 Months: Mar 2013 - Jun 2013



Maximilian Garmatsch



Freelancer: Lead Frontend Architect and Developer

5 months: September 2019 - February 2020

@ Jebsen & Jessen Group, Hamburg, Germany (80% Remote, 20% Onsite)

Project Description

This international trading company with over 8000 employees needed a custom online shipment-tracking and communication system. The project was designed by their innovation department to act as a lean start-up and managed in an agile fashion, to adapt to feedback from interviewed customers during the development process.

The screenshot shows a web-based application titled 'Dashport' with a URL of https://dashport.com/. The main header includes a logo, a search bar, and navigation tabs for 'Trades' and 'Team'. A user profile for 'Maximilian Garmatsch' is visible. The central content area displays a shipment tracking page for order reference xt0300021940. It shows a table of items with columns for quantity, description, weight, and unit. There are sections for 'Activity Feed', 'Documents', and 'Shipment Tracking'. A message input field is present, and a notification at the bottom indicates a file upload by Maximilian Garmatsch.

❖ Closed Repository. Code can be shown during our meeting.

My Responsibilities

As the teams main frontend developer I created the frontend architecture and developed all modules and integrations in the early phase of the project. Later I was responsible for onboarding new frontend developers.

My goal was to build an easily maintainable environment while implementing quality standards like automated testing, code style formatting and git-commit constraints. Weekly changes to the requirements meant constant communication with the team's UI/UX Designer, Backend Developer, Engineering Manager, User Researcher and Product Manager.

My Technology Stack

Frontend: JavaScript, React.JS, HTML, CSS, Flexbox, styled-system, styled-components, react-intl for internationalization, Ant Design with Theming, React Router, Apollo Client for client-side state management, Sentry for Error Handling, react-pdf, react-dnd for drag&drop, LESS, create-react-app with customize-cra

Mobile: Responsive Design, Browserstack.com

Build tools: NPM, Webpack, Github, Continuous Integration, Travis CI

Databases: GraphQL

Code Quality: ESLint, Husky, Babel, Prettier, Unit Testing, Jest, Enzyme, react-styleguidist for automated documentation

Tools: Webstorm, Chrome Dev Tools, Git, Figma

Maximilian Garmatsch



Freelancer: Frontend Developer

6 months: February 2019 - August 2019 @ Campoint AG, Seligenstadt, Germany (100% on-site)

Project Description

This e-commerce company with over 500 employees needed to modernize it's payment system by rebuilding a customized frontend. The payment system is used by over 10 different online services, which required us to enable dynamic design selection, dynamic item lists and dynamic payment-provider-lists. Furthermore, over 10 payment providers where connected, each with individual specifications.

The screenshot shows a web browser window for 'CommuniPay' at the URL <https://communipay.net/>. The page displays a grid of payment tariff options. The top row contains four options: '1.000 Credits' (0,10 € Einmalig), '2.000 Credits' (20,00 € Einmalig), '2.500 Credits' (25,00 € Einmalig, highlighted with a green border and checkmark), and '3.000 Credits' (30,00 € Einmalig). The bottom row contains four options: '5.000 Credits' (+ 10% Credits extra, 50,00 € Einmalig), '10.000 Credits' (+ 25% Credits extra, 100,00 € Einmalig), '20.000 Credits' (+ 25% Credits extra, 200,00 € Einmalig), and '50.000 Credits' (+ 25% Credits extra, 500,00 € Einmalig). Below the grid are navigation buttons '< Zurück' and 'Weiter zur Bezahlart >'. At the bottom of the page, there are several security and support icons: DATA SECURE, SSL 256 bit, Intelligente technische Lösungen, Verschlüsselte Übertragung, Kundenservice wird bei uns groß geschrieben, Bei Fragen hilft unser Support, and a language selector for Deutsch.

My Responsibilities

Working side-by-side with the lead full-stack developer and the UI/UX Designers, this required a lot of communication during collaboration. My focus during development was to create a responsive single-page-application that would support thousands of screensizes and devices while being highly extensible and testable. Implementing multiple themes and internationalization (in english and german) and detailed form validation was also part of my daily work.

My Technology Stack

Frontend: JavaScript, React.JS, HTML, CSS, Flexbox, Material-UI with theming, styled-components, react-intl for internationalization, React Router, Redux,
Mobile: Responsive Design, Browserstack.com
Build tools: NPM, Yarn, Webpack
Databases: GraphQL
Code Quality: ESLint, Babel, Unit Testing, Jest, react-test-renderer
Tools: PHPStorm, Chrome Dev Tools, Git, Adobe XD

Maximilian Garmatsch

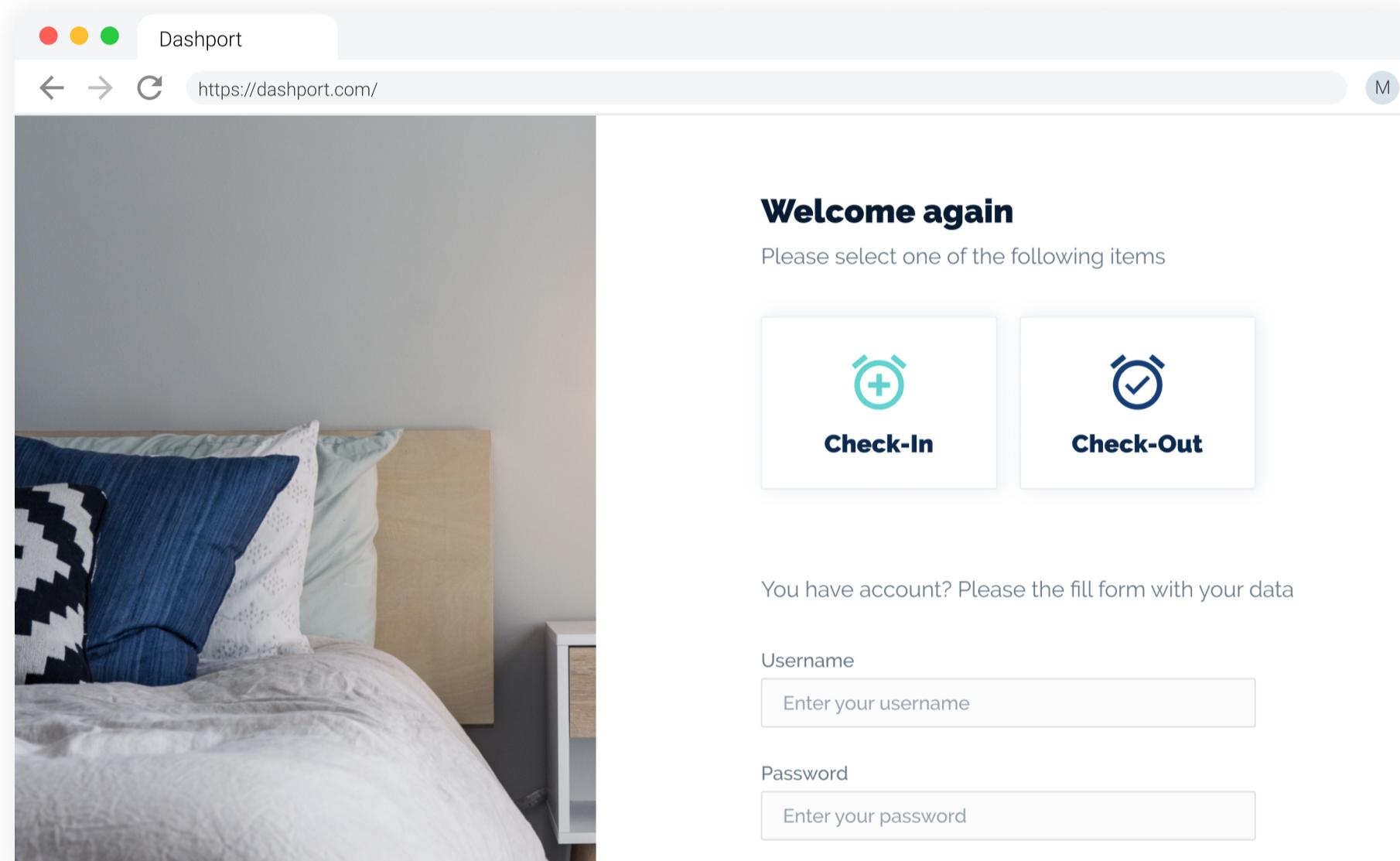


Contractor: Engineering Manager / Product Manager

3 years: Mar 2017 - July 2020 @ Interrent At Standard GmbH,
Frankfurt am Main (50% remote, 10% onsite)

Project Description

This hotel-housekeeping company with over 500 employees needed a custom performance-tracking and office management software.
The product started as a simple timetracking app and within 3 years grew into a complex management software including:
User Management with Roles and Rolegroups Management
QR Code authentication via printable ID-Cards
Emailing system
Timetracking
Weekly planning
Accounting system
Performance Statistics
Document upload, autofill and PDF export
Crossbrowser support
Offline/Online IOS and Android synchronization



My Responsibilities

Starting from absolute Zero I
Analysis
process understanding
design
planning
estimation
Full-stack Architecture (multiple refactorings)
Database Architecture (multiple refactorings)
Full-Stack development

Staffing and training
team of up to 4 developers and a designer
Custom implementation for testing offline-first hybrid app
functionalities

Ongoing project management with Jira

My Technology Stack

Frontend: JavaScript, React.JS, HTML, CSS, Flexbox, Foundation, Flow Router, Mini Mongo, Moment.JS, GroundDB

Backend: Node.JS, Meteor.JS, Docker, Meteor-Up, PDFmake, xlsx, JSpdf, cron-jobs,

Mobile: Cordova, Responsive Design

Databases: NoSQL, MongoDB

Code Quality: ESLint, Babel, Husky, Cypress, custom integration testing for mobile testing

Tools: Webstorm, NPM, Chrome Dev Tools, Git, XCode, Digital Ocean, HTTPS Certificate, Atlassian JIRA



Maximilian Garmatsch

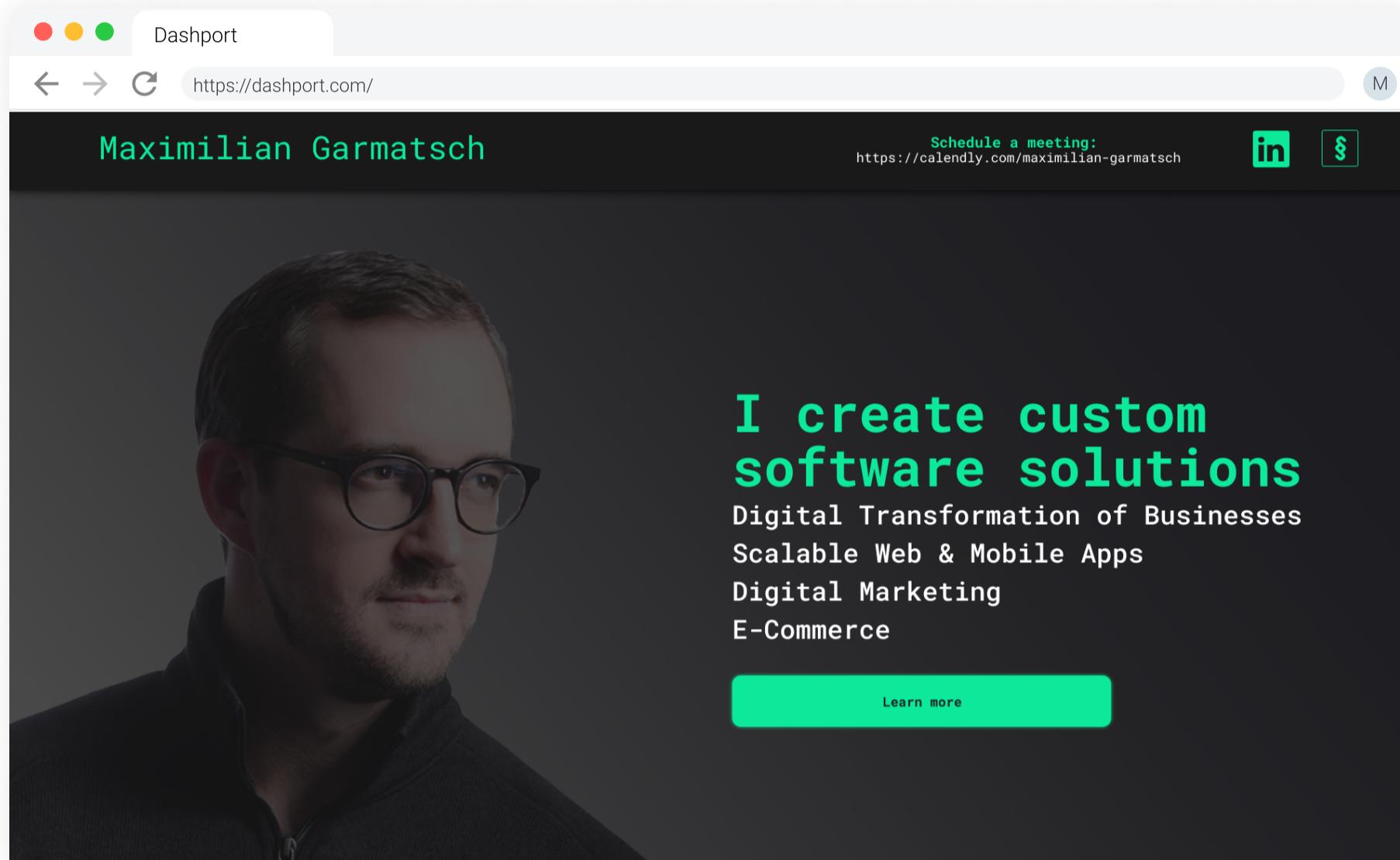


Startup: Building a personal brand and creating a reusable codebase for future projects

3 Months: Mar 2020 - June 2020

Project Description

Worked closely with a UI/UX expert to design my personal brand. The codebase was built in preparation for reusability for future projects and customized for 5 screen sizes.



❖ Closed Repository. Code can be shown during our meeting.

My Technology Stack

Frontend: JavaScript, TypeScript, React.JS, Material-UI, HTML, CSS, Flexbox, React-Router,
Backend: Serverless, AWS Lambda, AWS Cognito
Mobile: Progressive Web App, Responsive Design
Databases: NoSQL, DynamoDB
Code Quality: ESLint, Babel, Husky, Cypress,
Tools: Figma, Webstorm, NPM, Chrome Dev Tools, Git, XCode, Digital Ocean, HTTPS Certificate, Atlassian JIRA



Maximilian Garmatsch



Startup: Training junior developers and connecting them with employers

1 Year 4 Months: Apr 2018 - Jul 2019 @ Coder Consulting International S.R.L (95% Remote)

Project Description

This international trading company with over 8000 employees needed a custom online shipment-tracking and communication system. The project was designed by their innovation department to act as a lean start-up and managed in an agile fashion, to adapt to feedback from interviewed customers during the development process.



My Responsibilities

As the teams main frontend developer I created the frontend architecture and developed all modules and integrations in the early phase of the project. Later I was responsible for onboarding new frontend developers.

My goal was to build an easily maintainable environment while implementing quality standards like automated testing, code style formatting and git-commit constraints.

Weekly changes to the requirements meant constant communication with the team's UI/UX Designer, Backend Developer, Engineering Manager, User Researcher and Product Manager.

My Technology Stack

Frontend: JavaScript, React.JS, HTML, CSS, Flexbox, styled-system, styled-components, react-intl for internationalization, Ant Design with Theming, React Router, Apollo Client for client-side state management, Sentry for Error Handling, react-pdf, react-dnd for drag&drop, LESS, create-react-app with customize-cra

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Code Quality: ESLint, Husky, Babel, Prettier, Unit Testing, Jest, Enzyme, react-styleguidist for automated documentation

Tools: Webstorm, Chrome Dev Tools, Git

Maximilian Garmatsch



Freelancer in corporation funded startup
Project: "Online Shipping Container Tracking
and Communication Platform"

MG Dashport https://dashport.com/ M

DASHPORT Trades Team MG Maximilian Garmatsch

← | 300021672

No Incoterms given
Supplier: JEBAGRO | Order Reference: 300021672

No Incoterms given
Customer: JEBAGRO | Order Reference: 300021672

NaN Glyphosate 75,7%SG 25kg dr 20 MT

Activity Feed Documents Shipment Tracking

Shipment 0 ⚠ Edit tracking information

POS	Product	Quantity
Glyphosate 75,7%	Glyphosate 75,7%SG 25kg dr	20 MT

CMAU1497977 Status: Ocean transport to POD Next Vessel: Guayaquil (port of discharge)

Arrival in loading Shanghai CMA CGM Busan (transshipment port) CMA CGM GANGES (ship) Guayaquil (port of discharge)
Scheduled Departure Arrived Scheduled: 21.10.2019 Scheduled: 05.12.2019 Scheduled: 05.12.2019

MG Dashport https://dashport.com/ M

Activity Feed Documents Shipment Tracking

Shipment 0 ⚠ Edit tracking information

POS	Product	Quantity
Glyphosate 75,7%	Glyphosate 75,7%SG 25kg dr	20 MT

CMAU1497977 Status: Ocean transport to POD Next Vessel: Guayaquil (port of discharge)

Arrival in loading Shanghai CMA CGM Busan (transshipment port) CMA CGM GANGES (ship) Guayaquil (port of discharge)
Latest B Departure Arrived: 21.10.2019 Scheduled: 05.12.2019 Arrived: 11.12.2019 Scheduled: 05.12.2019

Details

Events

- Location Update at 2019-11-05 03:40:00+00:00: Busan Latitude: 35.1000 Longitude: 129.0333 Nov 6th 2019, 3:14 pm (CET)
- New actuals received or actuals changed Nov 6th 2019, 3:16 pm (CET)
- Status changed to: ocean transport to POD Nov 6th 2019, 3:11 pm (CET)

MG Dashport https://dashport.com/ M

Activity Feed Documents Shipment Tracking

Send Message

Send a message to the parties involved in this order

All Conversations Documents Shipments

Maximilian Garmatsch has uploaded a new version of "test111"
Jan 30th 2020, 1:13 pm (CET)

Maximilian Garmatsch



Freelancer: Frontend Developer

6 months: February 2019 - August 2019 @ Campoint AG, Seligenstadt, Germany (100% on-site)

The screenshots show the following steps:

- Step 1: Payment selection screen showing 1.000 Credits and 0,10 € Einmalig. It lists payment methods: SEPA Lastschrift, VISA, Klarna, Überweisung, EPS giroPay, and Telefonanruf. A checkbox for AGB and Datenschutzerklärung is present.
- Step 2: Payment method selection screen showing options: SEPA Lastschrift, VISA, Klarna, Überweisung, EPS giroPay, and Telefonanruf. A "Weiter" button is at the bottom.
- Step 3: Personal information entry screen. Fields include Vorname (Maximilian), Nachname (Garmatsch), Straße und Hausnummer (Bornheimer Landstrasse 37), PLZ (60316), Ort (Frankfurt am Main), Land (Deutschland), and Telefon (15732571090). A "Bestätigen" button is at the bottom.
- Step 4: Summary screen showing 2.000 Credits and 20,00 € Einmalig. It lists payment method Klarna. / Sofort. and shipping address Maximilian Garmatsch, Bornheimer Landstrasse 37, 60316 Frankfurt am Main. A "Bestätigen" button is at the bottom.

The screenshot shows the following steps:

- Step 1: Payment selection screen showing payment methods: paysafecard, SEPA Lastschrift, VISA, Klarna, Überweisung, EPS giroPay, and Telefonanruf. A "Wähle Deine Bezahlart" button is at the top.
- Step 2: Confirmation dialog box asking "Du musst bestätigen, dass Du volljährig bist und die AGB und Datenschutzerklärung akzeptierst." with a "Bestätigen" button.
- Step 3: Confirmation screen showing "Bestätigen und kaufen" button.

Bottom navigation includes: Zurück, Bestätigen und kaufen, DATA SECURE, Verschlüsselte Übertragung, Kundenservice wird bei uns groß geschrieben, Intelligente technische Lösungen, Bei Fragen hilft unser Support, Deutsch, and SSL 256 bit.

The screenshot shows the following information:

Buchung erfolgreich
Vielen Dank für Deinen Einkauf!

2.000 Credits
20,00 € Einmalig

Bezahlart:
Klarna. / Sofort.

Zu TESTMERCHANT

Gesetzliche Information zur Abbuchung:
Vorgangsnummer: 712227
User-ID: 668796

Fragen zur Abbuchung?
Bei Fragen wende Dich bitte an den Support: service@communipay.net

Maximilian Garmatsch



Contractor: Engineering Manager / Product Manager

3 years: Mar 2017 - Feb. 2020 @ Interrent At Standard GmbH,
Frankfurt am Main (50% remote, 10% onsite)

MG Dashport https://dashport.com/ M

Hilton Hotel

KW07-2020 (10.02 - 16.02)

	Mon 03.02	Tue 04.02	Wed 05.02	Thu 06.02	Fri 08.02	Sat 07.02	Sun 09.02	
Planned business volume	2	4	8	6	0	2	4	4
Final business volume	2			Tuesday, 04. February		2	4	4
Planned departure volume	2					2	4	4
Final departure volume	2					2	4	4
				Planned business volume				
				4				
					Save time			

Property management (2) + 4/4 4/0 4/6 4/4 4/0 4/0 4/6 4/6

Sophie-Marie Müllerhausen	Urlaub	08:30	09:30	08:30	Frei	08:30	08:30	5	X
Hubert Schlosser		08:30	09:30	Urlaub	08:30	08:30	Frei	Frei	5 X

MG Dashport https://dashport.com/ M

Users

Active Inactive Archived

New user Search by user or object

User and Personal No.	Activity	Objects	Times	
Hildebrand Grau 82159	Housekeeping	Hilton Hotel Berlin	See times	+ X
Sophie-Marie Müllerhausen 12345	Housekeeping	Hilton, Grand Hyatt	See times	+ X
Klaus Umlauf 241423	Housekeeping		Add objects for Sophie	+ X
Sophie Müllerhausen 4532	Housekeeping		Hilton Hotel Berlin	+ X
Hildebrand Grau 82159	Housekeeping		Grand Hyatt Hotel	+ X
			Plaza Hotel	+ X

MG Dashport https://dashport.com/ M

Sophie-Marie Müllerhausen

Hilton Hotel Berlin Housekeeping Employee

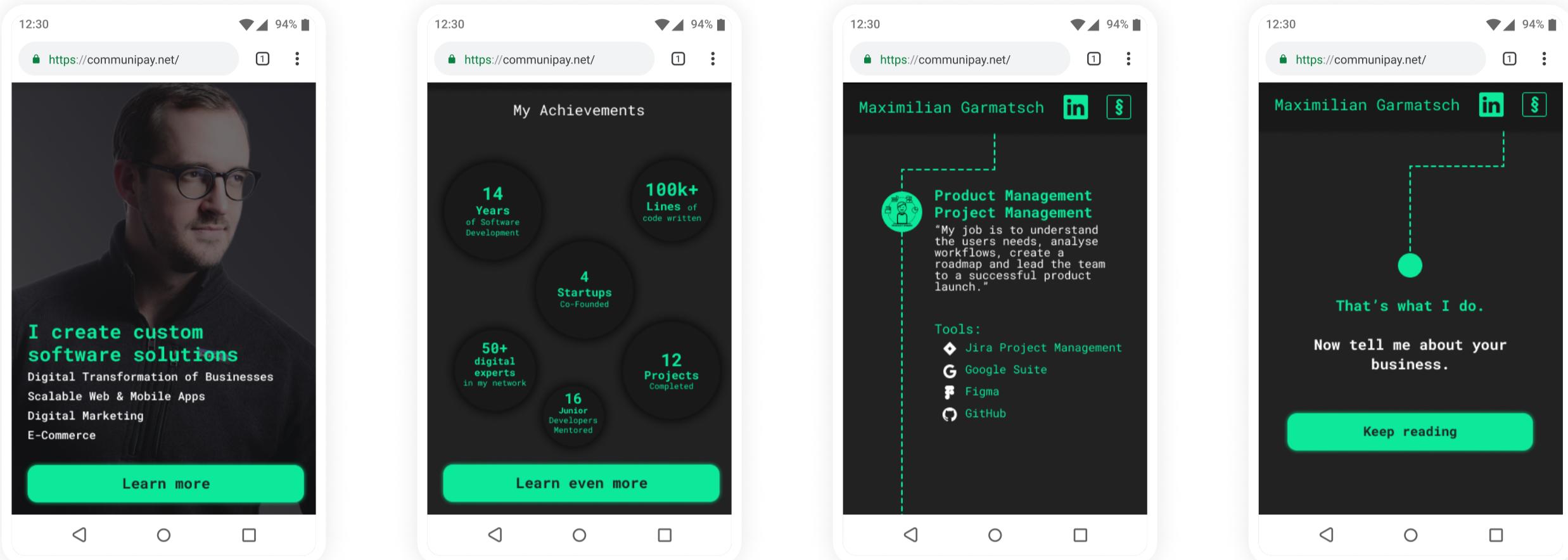
Earnings from	Vacation / half year	€ / month	Days / month	Hours / month	€ / hour
01/27/2020	12	1485	22	138	--
Accounting model					

Maximilian Garmatsch



Startup: Building a personal brand and creating a reusable codebase for future projects

3 Months: Mar 2020 - June 2020



CommuniPay <https://communipay.net/>

Why Custom software?

- ▽ Simplify your process.
- ⌚ Speed-Up your employee's workflows.
- 💡 Use Data strategically.
- 🛡 Secure your data efficiently.



⌄

CommuniPay <https://communipay.net/>

User Interface & User Experience

"Your users expect a friendly experience, beautiful and clean design, and intuitive functions. Finding just the right colors, fonts or images requires creative experts throughout the software development process."

Tools:

- Adobe XD
- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign

Each Member must pass our technical tests, match the personality traits we seek and be able to communicate fluently in english."

Tools:

- LinkedIn
- Xing
- Freelancer
- Reddit
- Facebook
- Slack
- Discord



Software Development